

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 96133

TO: Daniel Sullivan

Location: cm1/cm1/12d12/11e12

Art Unit: 1636

Tuesday, June 17, 2003

Case Serial Number: 445201

From: Susan Hanley

Location: Biotech-Chem Library

CM1-6B05

Phone: 305-4053

susan.hanley@uspto.gov

Search Notes



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STIC-Biotech/ChemLib

From: Sent:

Chan, Christina

To: Subject: Monday, June 09, 2003 9:06 AM Sullivan, Daniel; STIC-Biotech/ChemLib RE: Rush sequence search for 09445201

J'71-9 7173

Please rush. Thanks Chris

(Si.c)

Chris Chan TC 1600 New Hire Training Coordinator and SPE 1644 308-3973 CM-1, 9B19

> ----Original Message-----From: Sullivan, Daniel

Sent: Sunday, June 08, 2003 9:55 AM Chan, Christina

Subject:

Rush sequence search for 09445201

Hi Chris,

Would you please approve the following search for an after final amended case?

Please search for the following in the pending and issued patent databases:

A nucleic acid comprising nucleotides 1-2000, 6036-6959, 8260-10608, 10094-10608 or 11000-12845 of SEQ ID

Thank you.

Daniel M. Sullivan Examiner AU 1636 Room: 12D12 Mail Box: 11E12 Tel: 703-305-4448

Searcher: Phone: Location: Date Picked Up: Date Completed: Searcher Prep/Review: Clerical: Online time:	TYPE OF SEARCH: NA Sequences: AA Sequences: Structures: Bibliographic: Litigation: Full text: Patent Family: Other:	VENDOR/COST (where applic.) STN: DIALOG:_ Questel/Orbit:_ DRLink: Lexis/Nexis: Sequence Sys.:_ WWW/Internet: Other (specify):
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1555 GATGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCA 1614
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/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PcTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/Packfiles1.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-08-920-422-17
US-09-245-041-5
US-09-245-041-5
US-08-185-511-35
US-09-245-041-3
US-09-245-041-3
US-09-245-041-3
US-09-245-041-3
US-09-245-041-3
US-09-245-041-3
US-08-223-46-14
US-08-611-280-4
US-08-611-280-4
US-08-611-280-4
US-08-611-280-4
US-08-611-280-4
US-08-611-280-4
US-08-611-280-4
US-08-611-280-4
US-08-611-280-4
US-08-1891-207
US-08-760-534A-1
US-08-760-534A-1
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US-08-232-463-14
US-09-061-768A-3
US-08-772-440-33
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US-09-188-930-43
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                     US-09-445-201-1_COPY_1_2000
                                              - nucleic search, using sw model
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Match Length
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Sequence 207, App
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1ve 0; Mismatches 76; Indels
                                                                                                                                                                                                                                                                                                                                                                                                        Mulligan, John T.
Schellenberg, Gerald D.
VENTION: GENE AND GENE PRODUCTS RELATED
VENTION: WERNER'S SYNDROME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CALCATION NUMBER: US/08/781,891
FILING DATE: 27-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3: SEED and BERRY LLP . 6300 Columbia Center, 701 Fifth Avenue
        US-09-338-907-183
US-09-218-207-183
US-08-477-831C-7
US-08-841-349-12
US-08-811-349-12
US-08-895-628-4
US-08-895-810D-4
US-08-95-810D-4
                                                                                                                                                      US-08-147-592A-3
US-08-292-694A-3
US-08-380-403A-4
US-08-895-628-4
US-08-895-810D-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 240052.419 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                            Sequence 208, Application US/08781891 Patent No. 6090620
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TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 208
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 65.4%;
Matches 151; Conservative
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16442 base pairs
                                                                                                                                                                                                                                                                                                                                                                Fu, Ying-Hui
Yu, Chang-En
Oshima, Junko
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APPLICANT: Oshima, Junkc
APPLICANT: Mulligan, Joh
APPLICANT: Schellenberg,
TITLE OF INVENTION: GENE
TITLE OF INVENTION: WERN
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BE
5109
37950
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Washington
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ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Fu, Yi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 27 CLASSIFICATION:
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STRANDEDNESS:
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US-08-781-891-208/c
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            STREET:
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10065 GCTGGAAAGATAGCTCAGCAGTTAAGAGCATTGGCTGCTCTTCTAGAGGACCCAGGTTTG 10006
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APPLICANT: MOORE, K.
APPLICANT: MOORE, K.
APPLICANT: MOSIE, K.
TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY
FILE REFERENCE: 7853-136
CURRENT APPLICATION NUMBER: US/09/245,041
CURRENT FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER FILING DATE: 1998-07-21
EARLIER FILING DATE: 1998-07-21
BARLIER FILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 131
                                                           1615 AGTCCTGGCACTCAGA-GGTGGCTCACAATCATCTGTGACTTCCAGGGGATCTGA 1673
                                                                                                                  1638 CACAATCATCTGTGACTTCAGGGGATCTGAAGAATTCTTCTGGGCTCCATGGGC 1697
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         *Match 3.7%; Score 73.4; DB 4; Length 48974; Local Similarity 65.4%; Pred. No. 1.4e-09; les 138; Conservative 0; Mismatches 71; Indels 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1758 AAATAAACCATAAACAGAAAAAAAAAGGAA 1788
                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Vitek, Michael P.
APPLICANT: Mitsuda, No. 6255473iaki
APPLICANT: Roses, Allen D.
TILE OF INVENTION: Presentilin-1 Gene Promoter
FILE REFERENCE: VITEKPRESENILIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/08/920,422A CURRENT FILING DATE: 1997-08-29 NUMBER OF SEQ ID NOS: 22 SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                               Sequence 17, Application US/08920422A Patent No. 6255473 GENERAL INFORMATION:
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; Sequence 5, Application US/09245041
; Patent No. 6274339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Mus musculus US-08-920-422-17
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US-08-920-422-17/C
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LENGTH: 48974
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25605 AGTGATGGCTTAGTGCCTAAGAGCGCTGGCTGTCTGCTCTTCCGGAGGATCCAGGTTCTG 25546
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                                                                                                                                                                                                                                                                 1530 TTTACAGGAGAGTTCCAGGAAGCTAGATGGAGAGGATGGCTCAACAGTTTAGAGCAACGGC 1589
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1560 AGAGATGCCTCAACAGTTTAGAGCAACGCTGT----TCTTGCAGAGGACCTAGGTTCAA 1615
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                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8; Gaps
                                                                                                                                                                3.6%; Score 73; DB 4; Length 90050; 61.0%; Pred. No. 2.6e-09;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kovacevich, Brian
APPLICANT: Mulligan, John T.
APPLICANT: Paeper, Bryan W.
APPLICANT: Van Ness, Jeffrey
APPLICANT: Winkler, David G.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING
TITLE OF INVENTION: BONE MINERALIZATION
GURRENT FILLS AL0083.58
CURRENT FILLS DATE: 1999-11-24
                                                                                                                                                                                                                  0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 3.0
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; Sequence 17, Application US/09449218D
; Patent No. 6395511
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; OTHER INFORMATION: n = A,T,C or G
US-09-449-218D-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Galas, David J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1770 AACAGAAAAA 1780
                                                                                                                                                                                                                  153; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 45
                                                                  TYPE: DNA ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Mus musculus FEATURE:
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                                                                                                                                                                                         Similarity
                      SEQ ID NO 5
LENGTH: 90050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 35828
                                                                                                                 US-09-245-041-5
                                                                                                                                                                   Query Match
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Matches
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                                  25485 GCCATCTTCTGATCTCCTCAGGCACCAGGCTTGTAAATGCTACACAGGCATATATTCAAG 25426
1557 TGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAAG 1616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1617 TCCTGGCACTCAGAGGTGGCTCACAATCATCTGTGACTTCAGTTCCAGGGGATCTGAAGA 1676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Gaps
                                                                                                                                                                                                                                       APPLICANT: Chiang, John
TITLE OF INVENTION: Cholesterol 7a-Hydroxylase Gene
TITLE OF INVENTION: Regulatory Elements and Methods for Using Them
                                                                                      Query Match
3.5%; Score 69.8; DB 1; Length 10614;
Best Local Similarity 66.0%; Pred. No. 6.2e-09;
Matches 101; Conservative 0; Mismatches 52; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                            3000 K Street, N.W., Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, COLIN G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/175
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)572-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/135,511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PC-DOS/MS-DOS
                                                                                                                                                                                        Sequence 35, Application US/08135511 Patent No. 5558999
                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (202)672-5399
TELEEX: 904136
INPORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; MOLECULE TYPE: DNA (genomic) US-08-135-511-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 13-OCT-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : 10614 base pairs
nucleic acid
                                                                                                                                                                                                                                                                                                                                                                Washington, D.C.
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 20007-5109
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US-08-187-453-35
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Sequence 35, Application US/08187453 Patent No. 5753431 GENERAL INFORMATION: APPLICANT: Chiang, John

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1557 TGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAAG 1616
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY FILE REFERENCE: 7853-136 CURRENT APPLICATION NUMBER: US/09/245,041 CURRENT FILING DATE: 1999-02-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Gaps
Cholesterol 7a-Hydroxylase Gene
Regulatory Elements and Transcription Factors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3.5%; Score 69.8; DB 1; Length 10614; 66.0%; Pred. No. 6.2e-09; tive 0; Mismatches 52; Indels 0;
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                                                                                                                                                                                                                                            SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                      PURIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/135,488
FTI.ING DATE: 13-OCT-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/135,511
FILING DATE: 13-0CT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/135,510
FILING DATE: 13-0CT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/187,453
FILING DATE: 28-JAN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 5, Application US/09245041
; Patent No. 6274339
                                                                                                                                                                                                                    IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 35: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SANDERCOCK, Colin G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; MOLECULE TYPE: DNA (genomic) US-08-187-453-35
                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
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                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
                                      NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT: MOORE, K.
APPLICANT: Nagle, D.
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                                                                                                                                            USA
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                                                                                ADDRESSEE:
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                                                                                                    STREET:
                                                                                                                                          COUNTRY:
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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Matches 149; Conservative
                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA: APPLICATION NUMBER: PC
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                                        PCT-US94-05150-24/C
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                       RESULT 9
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APPLICANT: MOOFE, K.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY FILE REFERENCE: 7853-136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1622 GCACTCAGAGGTGGCTCACATCATCTGTGACTTCAGTTCCAGGGGATCTGAAGAATTCT 1681
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                                                                                                                                                                                                                                                                                                                               1543 TCCAGGAAGCTAGATGGAGACATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAG 1602
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Live 0; Mismatches 71; Indels 1;
                                                                                                                                                                                                                                                     Length 90050;
                                                                                                                                                                                                                                                                                           46; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        77860 CAGATAACCTGACACCCTCTCGGCCTCCTCGGG 77894
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                                                                                                                                                                                                                                                   Score 69.4; DB 4;
Pred. No. 2.5e-08;
0; Mismatches 46;
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: 60/104,978
EARLIER FILING DATE: 1998-10-20
NUMBER OF SEQ ID NOS: 131
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 90050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT FILING DATE: 1999-02-05
CURRENT FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER FILING DATE: 1998-07-21
EARLIER FILING DATE: 1998-10-20
NUMBER OF SEQ ID NOS: 131
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; Sequence 3. Application US/09245041
; Patent No. 6274339
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                   3.5%;
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                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                    TYPE: DNA
CORGANISM: Mus musculus
US-09-245-041-5
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Matches 108; Conserv
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TITLE OF INVENTION: Purified Mammalian Flt3 Ligands and Agonists and Antagonist NUMBER OF SEQUENCES: 37 COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1569 ICAACAGTITAGAGCAACGGCIGITCITGCAGAGGACCIAGGITCAAGTCCTGGCACTCA 1628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1629 GAGGTGGCTCACAATCATCT - GTGACTTCAGTTCCAGGGGATCTGAAGAATTCTTCTGG 1686
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          230 CCTCTGCAGGCACCACACATTCAGTGCACTTACAGGCATGTAGGTAAAACACTCAC 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               290 GTGGTGGTTCACACGGAGCNNAGAGACTCCAGTTTCAGGGGATCTGGTGCCTCTTCTGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3.3%; Score 66.4; DB 5;
59.8%; Pred. No. 8.5e-09;
tive 0; Mismatches 92;
                                                                                                                                                                                                                                              PCT/US94/05150
                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/162,413
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/155,111 FILING DATE: 19-NOV-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          UMBER: US 08/106,340
13-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US 08/092,549
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Sequence 24, Application PC/TUS9405150 GENERAL INFORMATION:
                                                                                                                                                                                                      Microsoft Word 5.1a
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08 FILING DATE: 24-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19-MAY-1993
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1540 AGTICCAGGAAGCTAGATGGAGAGATGGCTCAACAGTITAGAGCAACGGCTGTTCTTGCA 1599
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1600 GAGGACCTAGGTTCAAGTCCTGGCACTCAGAGGTGGCTCACAATCATCTG 1649
                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
APPLICANT: Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-195-940-4
Sequence 4, Application US/09195940
Sequence 4, Ap
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PatentIn Release #1.0, Version #1.30
                                                                                                               1056 CATAGTGCATCGCATACATTTTTGCTGCC 1084
                                                                                                                                                        1411 YYYYXYYYYYYYYYYYYYYYYYYYYGTAC 1439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6733 Mississauga Road, Suite 303
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APPLICATION NUMBER: US/08/611,280
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                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/08611280 Patent No. 5891666
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ATORNEY/AGENT INRORMATION:
NAME: OLGSKi, Nancy A.
REGISTRATION NUMBER: 34,688
REFERENCE/DOCKET NUMBER: A-33
INPORMATION FOR SEO ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1253 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
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nounter: IBM PC compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: NO NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS:
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CORRESPONDENCE ADDRESS:
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L5N 6JB
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                                                                                                                                                                                                                                                                             US-08-611-280-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-611-280-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             696 CAAGTGAGCATATGAAGTCCATTTTACATGGCTAGTACATATAACTTTTAAAAAGTTGGA 755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         756 CATAGTTATTTTTCCATTTATTTATTTACTTTATATCCTGATCACAGACCCCCCCTC 815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     816 CTCTGGATTAACTCTCTCCACTGCTTCTTACCCCTCCCCATCTCTCCTTCACCTCTGAGA 875
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3.2%; Score 64.6; DB 1; Length 7218;
Best Local Similarity 3.3%; Pred. No. 1.3e-07;
Matches 13; Conservative 231; Mismatches 145; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: ISH Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                 Satent No. 36/030,
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TOVENTION: RECOMBINANT FOWLPOX VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30472/114 IMMU
                                                                                                                                                                                                                                                                             ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: EP 91 114 300.6 FILING DATE: 26-AUG-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFTCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                Sequence 14, Application US/08232463
Patent No. 5670367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 300
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
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EDNESS: single
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                                                                                                                                                                                                                                                                                                                                    Alexandria
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                                                                                                                                                                                                                                                                                                                                                                                               USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
US-08-232-463-14
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STREET:

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REFERENCE/DOCKET NUMBER: A-338A INFORMATION FOR SEQ ID NO: 4:
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                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PCT/US98/06896
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APPLICATION NUMBER: US/09/402,929
REGISTRATION NUMBER: 34,688
                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 12537 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/09402929
Patent No. 6410825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Monaco, Daniel A. REGISTRATION NUMBER: 30,480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 60 TELECOMMUNICATION INFORMATION:
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72.6%;
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(215) 568-5549
                                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: single
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MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Matsuyama, Toshifumi
Grossman, Alex
Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3.1%; Score 62; DB 4; Length 12537; 72.7%; Pred. No. 9e-07; tive 0; Mismatches 30; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
                                                                                                                                              SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/562,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 09/195,940
FILING DATE: <Unknown>
                                                                                                                                                                                                   APPLICATION NUMBER: US/09/195,940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 01-May-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                       A-338A
                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/611,280
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/09562466 patent No. 6369202 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Oleski, Nancy A.
                                                                                                                                                                                                                                                                                                           ATTORNET INFORMATION:
NAME: OLGSKi, Nancy A.
REGISTRATION NUMBER: 34,688
                                                                                                                             IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 4:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 12537 base pairs
                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 72.7%
Matches 80; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: Canada
ZIP: L5N 6JB
                                                                                                                                                                                CURRENT APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  nucleic acid
                   Mississauga
                                                                                                                                              OPERATING SYSTEM:
                                                    ry: Canada
L5N 6JB
                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
                                     Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
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US-09-562-466-4
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                                                      COUNTRY:
                                   STATE:
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GENERAL INFORMATION:
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Temple University - Of The Commonwealth System of Higher Education
APPLICANT: Toscani, Antonio
APPLICANT: Hatton, Kimi
APPLICANT: Hatton, Kimi
APPLICANT: Reddy, E. P.
TITLE OF INVENTION: USES THEREOF
INTER OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 7
                                                                                                                                             1540 ACTICCAGGAAGCIAGAIGGAGAGAGAIGGCICAACAGITIAGAGCAACGGCIGIICTIGCA 1599
                                                               Gaps
                                                                                                                                                                                                                                                                  1600 GAGGACCTAGGTTCAAGTCCTGGCACTCAGAGGTGGCTCACAATCATCTG 1649
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Query Match
3.1%; Score 62; DB 4; Length 12537;
Best Local Similarity 72.7%; Pred. No. 9e-07;
Matches 80; Conservative 0; Mismatches 30; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C. STREET: Suite 1800 Two Penn Center Plaza CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.30
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1547 GGAAGCTAGATGGAGAGGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACC 1606
                                                             0; Gaps
                                                                                                                    1607 TAGGTTCAAGTCCTGGCACTCAGAGGTGGCTCACAATCATCTGTGA 1652
                                                                                                                                            2330 TGAGTTCAATTCCCATCAACCACATGGTGCTCACAACCATCTGTAA 2285
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          29; Indels
                                                                                                                                                                                                                                                                                                                                        APPLICANT: Auvinen, Petri
APPLICANT: Jaakkola, Petri
APPLICANT: Jaakkola, Petri
APPLICANT: Jaakkola, Panu
APPLICANT: Jaikanen, Markku
APPLICANT: Mali, Marku
APPLICANT: Winnen, Tapani
TITLE OF INVENTION: Syndecan Stimulation Of Cellular
TITLE OF INVENTION: Differentiation
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS: 4
CORRESPONDENCE ADDRESS: Sterne, Kessler, Goldstein & Fox
STREES: 1100 New York Avenue, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           join(4378..4443, 22026..22106, 23001..23483, 23905..24039, 24251..24418)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/472,217
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1102.0050003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA.
APPLICATION NUMBER:
ILING DATE: 07-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/988,427
FILING DATE: 01-DEC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US 08/206,186
                                                                                                                                                                                                                                                                Sequence 1, Application US/08472217
Patent No. 5726058
                                                                                                                                                                                                                                                                                                                           APPLICANT: Alanen-Kurki, Leena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Cimbala, Michele A.
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 110
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (202) 371-2560
TELEFAX: (202) 371-2560
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 26700 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
77; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: ILU.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20005
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; NAME/KEY: CDS
; LOCATION: join
; LOCATION: 2390
US-08-472-217-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: NANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                          US-08-472-217-1/c
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Matches
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        Matches
        96; Conservative
        0; Mismatches
        38; Indels
        5; Gaps
        1;

        QY
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        1614

        Db
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        1814

        QY
        1615 AGTCCTGGCACTCAGA-----GGTGGCTCACAATCATCTGTGACTTCCAGGGGTTCA
        169

        Db
        1395 AGTCCCAGCACCACAACAATGGTAGCTCACAACAGTTCCAGTTCTGACACT
        1336

        QY
        1670 CTAGAGAATTCTTCTGGC
        1688

        QY
        1670 CTAGAGAATTCTTCTGGC
        1688

        Db
        1335 TTTACACATACATGCAGGC
        1317
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Search completed: June 16, 2003, 13:59:46 Job time: 108.842 secs

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June 16, 2003, 13:47:07; Search time 271.155 Seconds (without alignments) 10680.673 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                      1029858 seqs, 724030393 residues
                                                                                        OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Published_Applications_NA:*
                                                                                                                                                                                                                                             US-09-445-201-1_COPY_1_2000
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Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
                                                                                                                                                                                                                                                                      Perfect score:
                                                                                                                                                                                                                                                                                                                                              Scoring table:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 2, Appli Sequence 15, Appl Sequence 71, Appl Sequence 411, App Sequence 97, Appl Sequence 67, Appl Sequence 3, Appl Sequence 87, Appl Sequence 20, Appl Sequence 5, Appl Sequence 5, Appl Sequence 1, Appli Sequence 834, App Sequence 456, App Sequence 20, Appl Sequence 96, Appl Sequence 1, Appli Sequence 824, App Description 10 US-09-728-446-411 9 US-10-175-523-97 10 US-09-917-800A-625 9 US-10-175-523-67 9 US-10-175-523-87 9 US-10-175-523-87 9 US-01-175-523-87 10 US-09-893-238-2 10 US-09-893-238-5 10 US-09-738-968-42 9 US-10-105-637-1 US-09-877-935-1 US-09-728-445-834 US-09-728-445-456 US-09-767-088A-2 US-09-767-088A-15 US-10-175-523-71 US-10-105-637-1 US-09-728-444-824 US-10-771-208-20 US-10-175-523-96 SUMMARIES 10010 Match Length DB 303 367 9990 9990 123192 331 .7 659158 8995 74868 249487 130427 659158 90050 4998 110079 106664 Query Score 93.4 92.4 86.8 84.6 884.6 884.6 882.8 882.4 80.4 73.6 73.6 Result υυ 000

Sequence 71, Appl Sequence 9, Appl Sequence 1, Appl Sequence 3, Appli Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 19, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 62, Appl Sequence 62, Appl Sequence 62, Appl Sequence 61, Appl Sequence 62, Appl Sequence 62, Appl Sequence 67, Appl Sequence 69, Appl Sequence 69, Appl Sequence 69, Appl Sequence 69, Appl Sequence 208, Appl Sequence 111, Appl Sequence 208, Appl Sequence 111, Appl Sequence 208, Appl Sequence 111, Appl Sequence 111, Appl Sequence 111, Appl Sequence 208, Appl Sequence	,	
C 20 70 3.5 123192 9 US-10-175-523-71 22 69.4 3.5 30310 10 US-09-800-631-96 22 69.4 3.5 90050 10 US-09-800-631-96 22 69.4 3.4 17056 10 US-09-893-238-5 25 67.8 3.4 17056 10 US-09-893-238-5 67.8 3.4 17056 10 US-09-893-238-7 65.8 3.4 2221 10 US-09-893-238-7 66.8 3.3 251364 9 US-10-175-523-69 65.8 3.3 251364 9 US-10-175-523-69 65.8 3.3 158405 9 US-10-175-523-86 33 65.8 3.2 3750 10 US-09-917-800A-474 65.8 3.2 2464 9 US-10-175-523-86 64.8 3.2 2465 9 US-10-105-631		NAME/REY: NAME/REY: LOCATION: (123459)(123478) OTHER INFORMATION: n is unidentified a, c, g, or t NAME/REY: misc_feature LOCATION: (602466)(602485) NAME/REY: misc_feature LOCATION: (602468)(54098)(547017) NAME/REY: misc_feature LOCATION: (54698)(547017) NAME/REY: misc_feature LOCATION: (494914) NAME/REY: misc_feature LOCATION: (494715)(494814) NAME/REY: misc_feature LOCATION: (399986)(391005) NAME/REY: misc_feature LOCATION: (399986)(346823) OTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (346860)(346823) OTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (346860)(346823) OTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (346860)(316823) OTHER INFORMATION: n is unidentified a, c, g, or t LOCATION: (317174)(317193)

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Sequence 1, Application US/09877935
Sequence 0. US20020102705A1
GENERAL INFORMATION:
APPLICANT: Pinto, Daniel
PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: exon
LOCATION: (3443)..(3487)
OTHER INFORMATION: exon 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: (3489)..(8981)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
                                                                              TYPE: DNA ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: intron
                                                    110079
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  SOFTWARE: Pat
SEQ ID NO 96
LENGTH: 1100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH
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APPLICANT: Hook, Derek
APPLICANT: Paliteyman, Michael
APPLICANT: Paliteyman, Michael
APPLICANT: Rajan, Prithi
TILE REFERENCE: 325/JJ795-U33
CURRENT APPLICATION NUMBER: US/J0/J75,523
CURRENT FILING DATE: 2002-06-18
PRIOR PILING DATE: 2001-06-18
PRIOR PLICATION NUMBER: US 60/39,151
PRIOR PLICATION NUMBER: US 60/317,828
PRIOR PLICATION NUMBER: US 60/317,828
PRIOR PLICATION NUMBER: US 60/317,828
PRIOR FILING DATE: 2001-09-07
PRIOR PLICATION NUMBER: US 60/315,150
PRIOR FILING DATE: 2001-109-07
PRIOR PLICATION NUMBER: US 60/333,047
PRIOR PLICATION NUMBER: US 60/333,047
PRIOR PLICATION NUMBER: US 60/349,936
PRIOR PLICATION NUMBER: US 60/361,834
PRIOR PRILING DATE: 2001-11-14
PRIOR PLICATION NUMBER: US 60/361,834
PRIOR PLILING DATE: 2002-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            491936 CACAGATATACATGCAGTCAAAACCCAGATACATAAATTCAAAACACTTTAAATGGAAAG 491877
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4.7%; Score 94.8; DB 9; Length 659158;
Best Local Similarity 61.2%; Pred. No. 2.9e-11;
Matches 170; Conservative 0; Mismatches 107; Indels 1;
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                     NAME/KEY: misc_feature
LOCATION: (280353)..(280373)
LOCATION: (280353)...(280373)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (271829)..(271848)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (183872)..(183891)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (170625)..(170645)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (132680)..(132700)
OTHER INFORMATION: n is unidentified a, c, g, or t
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COTHER INFORMATION: n is a, c, g, or t

US-09-771-208-20
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; Publication No. US20030096264A1
; GENERAL INFORMATION:
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US-10-175-523-96/c
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APPLICANT: Robine, Sylvie
APPLICANT: Robine, Sylvie
APPLICANT: Jaisser, Frederic
APPLICANT: DUVAEL, DAISSER, FREDERIC
APPLICANT: Jaisser, Frederic
TITLE OF INVENTION: REGULATORY SEQUENCES OF THE MOUSE VILLIN GENE - USE IN TRANSGE
TITLE REFERENCE: 13294-002001
CURRENT APPLICATION NUMBER: US/09/877,935
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: PCT/EP 98/08009
PRIOR FILING DATE: 1998-12-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                       1546 AGGAAGCTAGATGGAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGAC 1605
                                                                                                                                                                                                                                                                                                         1606 CTAGGTTCAAGTCCTGGCACTCAGAGGTGGCTCACAATCATCTGTGACTTCAGTTCCAGG 1665
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NAME/KEY: misc_feature
LOCATION: (1)..(110079)
OTHER INFORMATION: where n may be a or g or c or t/u, unknown, or other
                                                                                                                                                                   0; Gaps
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                                                                                                           Query Match
4.7%; Score 93.4; DB 9; Length 110079;
Best Local Similarity 61.9%; Pred. No. 2.2e-11;
Matches 148; Conservative 0; Mismatches 91; Indels 0;
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1557 TGGAGAGATGGCTCAACAGTT-TAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAA 1615
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                                                                                                                                                                                                                                                                          APPLICANT: Zambrowicz, Brian
APPLICANT: Zambrowicz, Brian
APPLICANT: Sands, Arthur T.
TITLE OF INVENTION: No. US20020102543Alel Mutated Mammalian Cells and
TITLE OF INVENTION: Animals
FILE REFERENCE: LEX-0102-USA
CURRENT APPLICATION NUMBER: US/09/728,445
PRIOR FILING DATE: 1999-12-01
NUMBER OF SEQ ID NOS: 891
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Zambrowicz, Brian
APPLICANT: Sands, Arthur T.
TITLE OF INVENTION: No. US20020102543Alel Mutated Mammalian Cells and
TITLE OF INVENTION: Animals
FILE REFERENCE: LEX-0102-USA
CURRENT APPLICATION WUMBER: US/09/728,445
CURRENT FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: US 60/168,358
PRIOR FILING DATE: 1999-12-01
NUMBER OF SEQ ID NOS: 891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4.5%; Score 89.2; DB 10; Length 303;
66.5%; Pred. No. 7.3e-12;
tive 0; Mismatches 70; Indels 1;
                                                                         1734 GCAAATGATTGATCCATACATATGAAATAAACCATAAA 1771
                                                                                                 2035 AACACCCATACACATAAATAAATAAAGAAACTTAAA 2072
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                                                                                                                                                                                                      Sequence 834, Application US/09728445
Patent No. US20020102543A1
GENERAL INFORMATION:
APPLICANT: Friedrich, Glenn
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Patent No. US20020102543A1
GENERAL INFORMATION:
APPLICANT: Friedrich, Glenn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (1)...(303)
OTHER INFORMATION: n = A,T,C or G
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Matches 141; Conservative
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US-09-728-445-834
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APPLICANT: Gurney, Mark E.
APPLICANT: Abraham, Irene
TITLE OF INVENTION: Transgenic Mouse Model Of Human Neurodegenerative Disease
FILE REFERENCE: PHRM0303
CURRENT APPLICATION NUMBER: US/09/767,088A
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 60/177,319
PRIOR APPLICATION NUMBER: 60/177,319
                                                                                                                                                                                                                                                               1563 GATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAAGTCCTGG 1622
                                                                                                                                                                                                                                                                                                                                  1623 CACTCAGA-GGTGGCTCACAATCATCTGTGACTTCCAGGGGATCTGAAGAATTCT 1681
                                                                                                                                                                                                                                                                                                                                                                                                      203 CCCCCACATGGNGGCTCACAACCTTCAGTAACTCCAGTTCCAGGAGATCTGGTGCCCTGT 262
                                                                                                                                                                                                                                                                                                                                                                                                                                      263 TCTGACATCTGCTGGCACCAGGTAGATATGTGGTGCACAGACGGTATATGCAGCCAGTGC 322
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                                                                                                                                                                                            4.3%; Score 86.8; DB 10; Length 367; 64.6%; Pred. No. 3.1e-11;
tive 0; Mismatches 78; Indels 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 456
LENGTH: 367
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                                                                                                       : NAME/KEY: misc_feature

: LCCATION: (1)...(367)

: OTHER INFORMATION: n = A,T,C or G

US-09-728-445-456
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SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                              Matches 144; Conservative
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                                                                  ORGANISM: Mus musculus
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                                                                                                                                                                                                                 Best Local Similarity
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Best Local Similarity
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LENGTH: 9990
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                                                       TYPE: DNA
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                                                                                       FEATURE:
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APPLICANT: Abraham, Irene
TITLE OF INVENTION: Transgenic Mouse Model Of Human Neurodegenerative Disease
FILE REPERENCE: PHENG0303
CURRENT APPLICATION NUMBER: US/09/767,088A
CURRENT FILING DATE: 2001-01-22
PRIOR PRIOR PRILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin version 3.0
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rajan, Prithi
TITLE OF INVENTION: MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
FILE REFERENCE: 3235/1J795-US3
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4.2%; Score 84.6; DB 10; Length 9990;
Best Local Similarity 66.2%; Pred. No. 7.5e-10;
Matches 137; Conservative 0; Mismatches 69; Indels 1;
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CTHER INFORMATION: PrP/tau transgene construct
US-09-767-088A-15
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CURRENT APPLICATION NUMBER: US/10/175,523
CURRENT FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: US 60/299,151
PRIOR PELLING DATE: 2001-06-18
PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: US 60/315,150
PRIOR FILING DATE: 2001-09-25
PRIOR FILING DATE: 2001-09-25
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-18
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PRIOR APPLICATION NUMBER: US 60/361,834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 71, Application US/10175523 Publication No. US20030096264A1 GENERAL INFORMATION:
                Sequence 15, Application US/09767088A Patent No. US20020010947A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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APPLICANT: HOOK, Derek
                                                                                  APPLICANT: Gurney, Mark E.
                                                             GENERAL INFORMATION:
-09-767-088A-15/c
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100602 TIGACCAGCACTCACAAGATAGCTTACAACTCTAACTTCAGTTTCAGGGGGTCTGAT 100661
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APPLICANT: Zambrowicz, Brian
APPLICANT: Sands, Arthur T.
TITLE OF INVENTION: No. US20020081668Alel Murine Polynucleotide Sequences
TITLE OF INVENTION: and Mutant Cells and Mutant Animals Defined Thereby
FILE REFERENCE: LEX-010. USA
CURRENT APPLICATION NUMBER: US/09/728,446
CURRENT FILING DATE: 2000-11-30
PRIOR FILING DATE: 1999-12-01
NUMBER OF SEQ ID NOS: 1461
SOFTWARE: FREESO for Windows Version 4.0
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                                                                                                                                                                                          Gaps
                                                                                                                                                   4.2%; Score 83.6; DB 9; Length 123192; 62.4%; Pred. No. 5.8e-09; tive 0; Mismatches 79; Indels 0;
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; Patent No. US20020081668A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: (1)...(331); OTHER INFORMATION: n = A,T,C or G US-09-728-446-411
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 197
SOFTWARE: PatentIn version 3.1
SEQ ID NO 71
LENGTH: 123192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 140; Conservative
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                                                                                             TYPE: DNA ORGANISM: Mus musculus
                                                                                                                                                              Query Match
Best Local Similarity
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US-09-728-446-411
                                                                                                                             US-10-175-523-71
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Best Local S
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APPLICANT:
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APPLICANT: Hook, Derek
APPLICANT: Laeng, Pascal
APPLICANT: Laeng, Pascal
APPLICANT: Rimczak, Leszek
APPLICANT: Laeng, Pascal
APPLICANT: Rajan, Prithi
APPLICANT: Rajan, Prithi
APPLICANT: Rajan, Prithi
TILE OF INVANTON: MULTI-PRAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
CURRENT APPLICATION NUMBER: US/10/175,523
CURRENT APPLICATION NUMBER: US 60/299,151
PRIOR FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-09-07
PRIOR FILING DATE: 2001-09-07
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2001-11-14
PRIOR PLILING DATE: 2001-09-25
PRIOR PELLING DATE: 2001-09-15
PRIOR PELLING DATE: 2001-09-15
PRIOR PELLING DATE: 2001-09-15
PRIOR PLILING DATE: 2001-09-16
PRIOR FILING DATE: 2001-01-18
PRIOR PELLING DATE: 2002-01-18
PRIOR PILING DATE: 2002-01-18
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63.8%; Pred. No. 1e-08;
tive 0; Mismatches 86; Indels 3;
1742 TTGATCCATACATATGAAATAAACCATAAACAGAAAAA 1779
                                       294 ACCGTACACATAAAATTAAAATTGGAAAACTGGGAAAA 331
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Sequence 625, Application US/09917800A
Patent No. US/0020119462A1
GENERAL INFORMATION:
APPLICANT: Mendrick, Donna
APPLICANT: Porter, Mark
                                                                                                                                   Sequence 97, Application US/10175523 Publication No. US20030096264A1
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                                                                                                                                                                                             APPLICANT: Brockman, Jeffrey
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Best Local Similarity 63.8%
Matches 157; Conservative
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Hook, Derek
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1559 GAGAGATGGCTCAACAGTTTAGAGCAACGGCTGTTCTTGCAGAGGACCTAGGTTCAAGTC 1618
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APPLICANT: Palfreyman, Michael
APPLICANT: Rajan, Prithi
TITLE OF INVENTION: MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
FILE REFERENCE: 3235/1J795-US3
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                                                                APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Molecular Toxicology Modeling
                                                                                                            FILE REFERENCE: 44221-5038-US
CURRENT APPLICATION NUMBER: US/09/917,800A
CURRENT FILING DATE: 2001-07-31
                                                                                                                                                                             PRIOR PAPLICATION NUMBER: 12001-07-31
PRIOR PAPLICATION NUMBER: US 60/222,040
PRIOR APPLICATION NUMBER: US 60/222,880
PRIOR PILING DATE: 2000-10-02
PRIOR PILING DATE: 2000-11-02
PRIOR PILING DATE: 2001-05-11
PRIOR PILING DATE: 2001-05-12
PRIOR PILING DATE: 2001-05-15
PRIOR FILING DATE: 2001-05-15
PRIOR PILING DATE: 2001-05-15
PRIOR PILING DATE: 2001-05-15
PRIOR PAPLICATION NUMBER: US 60/295,798
PRIOR PILING DATE: 2001-05-05
PRIOR PILING DATE: 2001-05-05
PRIOR PILING DATE: 2001-06-06
PRIOR PILING DATE: 2001-06-19
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Publication No. US20030096264A1
GENERAL INFORMATION:
                       Castle, Arthur
Elashoff, Michael
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SOFTWARE: Patentin Ver, 2.1
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Matches 144; Conservative
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Johnson, Kory
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APPLICANT: Hook, Derek
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                                           APPLICANT:
                    APPLICANT:
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1615 AGTCCTGGCACTCAGA-GGTGGCTCACAATCATCTGTGACTTCAGTTCCAGGGGATCTGA 1673
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; Publication No. US20030096264A1
; GENERAL INFORMATION:
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Palfreyman, Michael
Rajan, Prithi
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SOFTWARE: PatentIn version 3.1
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Matches 140; Conservative
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Hook, Derek
Klimczak, Leszek
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Best Local Similarity 64.9%; Pred. No. 5.5e-07;
Matches 150; Conservative 0; Mismatches 68; Indels 13; Gaps
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GENERAL INCORMATION:
APPLICANT: Zuker, Charles S.
APPLICANT: Zhang, Yifeng
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Assays for Taste Receptor Cell Specific
TITLE OF INVENTION: 10n Channel
FILE REFERENCE: 02307E-114910US
CURRENT APPLICATION NUMBER: US/10/026,188
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: US 60/259,379
PRIOR FILING DATE: 2000-12-29
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                                                                                                   PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: US 60/333,047
PRIOR FILING DATE: 2001-11-14
PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-01-18
PRIOR FILING DATE: 2002-03-04
                        PRIOR FILING DATE: 2001-06-18
PRIOR PELLING DATE: 2001-06-18
PRIOR PELLING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US 60/325,150
      PRIOR APPLICATION NUMBER: US 60/299,151
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Best Local Similarity
Matches 140; Conserva
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                                                                                                                                                                                                                                                 NUMBER OF
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APPLICANT: Palfreyman, Michael
APPLICANT: Rajan, Prith,
Interpreted and Partial And Partia
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                                                                                        150233 AGCTCTCATATGGCTTCCATTGGCA------CTGGTGTGTGCAGACATGTATGCAG 150280
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1; Gaps
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                                                                                                                                                                                                      3.7%; Score 73.8; DB 9; Length 130427; 60.1%; Pred. No. 1.5e-06; ive 0; Mismatches 92; Indels 1;
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Query Match
3.7%; Score 73.6; DB 9; Length 659158;
Best Local Similarity 63.7%; Pred. No. 4.2e-06;
Matches 144; Conservative 0; Mismatches 79; Indels 3;
Sequence 20, Application US/09771208
Fatent No. US20020155564a1
GENERAL INPORMATION:
APPLICANT: MEDRATO.
APPLICANT: HORVAT, SIMON
TITLE OF INVERTION:
FILE REFERENCE: 407T-923710US
CURRENT APPLICATION NUMBER: US/09/771,208
PRIOR APPLICATION UNMBER: US/09/771,208
PRIOR FILING DATE: 1997-12-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (602466)..(602485)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (54699)..(547017)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (494715)..(494814)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (346860)..(346823)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
LOCATION: (317174)..(317193)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (123459)..(123478)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (390986)..(391005)
OTHER INFORMATION: n is unidentified a, c, g, or t
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LOCATION: (271829)..(271848)
OTHER INFORMATION: n is unidentified a, c, g, or t
LOCATION: (183872)..(183891)
OTHER INFORMATION: n is unidentified a, c, g, or t
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LOCATION: (280353). (280373)
OTHER INFORMATION: n is unidentified a, c, g, or t
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LOCATION: (132680)..(132700)
OTHER INFORMATION: n is unidentified a, c, g, or t
NAME/KEY: misc_feature
OTHER INFORMATION: n is a, c, g, or t
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LOCATION: (170625)..(170645)
OTHER INFORMATION: n is unidentified a, c, g, or t
                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Mus musculus
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LENGTH: 659158
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                                               1734 GCAAATGATTGATCCATACATATGAAATAAACCATAAACAGAAAA 1779
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APPLICANT:

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Sequence 16, Appli
Sequence 16, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
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Sequence 428, App
Patent No. 5352575
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Patent No. 5395760
Sequence 2, Appli
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Sequence 3, Appli
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Sequence 5,
Sequence 7,
                                                                       June 16, 2003, 13:37:06 ; Search time 48.8991 Seconds
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Sequence 5,
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/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5352575-6
US-09-072-596-325
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US-09-844-634-3
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                                             OM nucleic - nucleic search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Sequence 2, Appli
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Sequence 1, Appli
Sequence 2, Appli
Sequence 1, Appli
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Sequence 1, Appli
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Sequence 15, Appl
Sequence 1, Appli
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Sequence 1, Appli
Sequence 1, Appli
                                                                                                                                              Sequence 82,
Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Risau, Werner
APPLICANT: Millauer, Birgit
APPLICANT: Gazit, Aviv
APPLICANT: Levitzki, Alex
TITLE OF INVENTION: Flk-1 Is A Receptor For Vascular
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,861
FILING DATE: US-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/193,829
FILING DATE: 09-FEB-1994
ATTORNEY/AGENT INFORMATION:
             4 US-09-103-840A-1
US-08-984-709A-49
US-09-347-878-15
US-09-240-410-1
US-08-118-200-1
US-08-118-200-1
US-08-486-745-1
                                                                                                                       4 US-09-103-840A-2

4 US-09-103-840A-1

4 US-09-556-978B-82

4 US-09-011

1 US-08-076-011-1

4 US-09-076-011-1

4 US-09-038-906-1

1 US-08-323-443B-1

1 US-08-323-443B-1

4 US-09-103-840A-2
   US-07-945-283-1
                                                                                                                                                                                                                                                                  US-08-899-437-1
                                                                                                                                                                                                                                                                                                                  ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7683-060
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                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/08443861
Patent No. 5851999
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: COTUZZI, LAUTA N.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 76
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (212)790-9090
TELERAX: (212)869-9741
TELES: 66141 PENNIE
INFORMATION FOR SEO ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                            3564 4
2010 4
17606 4
1028 4
1028 4
8438 1
4411529
7898 4
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CITY: New York
STATE: New York
3.08
3.08
3.7.7
3.7.7
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                                                                                                                                                                 830 GGGCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGAAGGAGTCTGTGCCT 889
                                                                                                                                                                                                                              190 GGGC-CATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGAAGAAGAGTCTGTGCCT 248
                                                     4; Gaps
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                      Length 5470;
                    Query Match
Best Local Similarity 98.2%; Pred. No. 4.8e-36;
Matches 213; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ullrich, Axel
APPLICANT: Risau, Werner
APPLICANT: Millauer, Birgit
APPLICANT: Gazit, Aviv
APPLICANT: Levitzki, Alex
TITLE OF INVENTION: Fik-1 IS A Receptor For Vascular
TITLE OF INVENTION: Endothelial Growth Factor
                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 09.FEB-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 7683-060
TELECOMMUNICATION INFORMATION:
TELEPHONE: (2)
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/08193829B Patent No. 6177401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
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NAME: COTUZZI, LAUTA A.
REGISTRATION NUMBER: 30,7
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nucleic acid
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              New York
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US-08-193-829B-1
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US-08-443-861-1
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Query Match

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                                                        4; Gaps
Best Local Similarity 98.2%; Pred. No. 4.8e-36;
Matches 213; Conservative . 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lemischka, Thor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/813.593
                                                                                                                                                                                                                              890 GAG-AACTGGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JMBER: US 07/679,666
02-APR-1991
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28-JUN-1991
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                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/07813593
Patent No. 5185438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEW
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              208..4311
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NEW YORK
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                                                                                                                                1 CTGTGTCCCGCAGCC-GGATAACCTGGCTGACCGATTCCGCGGACACCCGTGCAGCCGC 59
                                                Query Match
16.7%; Score 154.6; DB 1; Length 5406;
Best Local Similarity 96.2%; Pred. No. 3.5e-32;
Matches 201; Conservative 0; Mismatrhes 1.
                                                                                         Indels
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TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                  0; Mismatches
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                                                                                                                                                                                                                                                                                                                                     179 GGGCTCTGTGCCCAGGCGCAGGGTGCAGG 207
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FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
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02-APR-1992
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FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
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FILING DATE: 15-NOV-1991
PRIOR APPLICATION DATA:
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FILING DATE: 15-APR-1992
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Patent No. 5270458
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FILING DATE: 19921119
LOCATION: 208..4308
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CORRESPONDENCE ADDRESS:
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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CLASSIFICATION:
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US-07-813-593-3
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TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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PatentIn Release #1.0, Version #1.25
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96.2%; Pred. No. 3.5e-32;
tive 0; Mismatches 4
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             APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/07946507 Patent No. 5283354
                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEPHONE: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                  28,601
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                                                                                                                                                                                       LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
                                                                                              REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                          FRAGMENT TYPE: N-terminal
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hes 201; Conservative
                                                               NAME: Feit, Irving N. REGISTRATION NUMBER: ;
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208..264
PRIOR APPLICATION DATA:
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718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCCGC 777
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                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                      FILLING DATE: 26-JUN 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
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APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Fell, ITVING N.
REGISTRATION NUMBER: 28,601
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APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
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FILING DATE: 19-NOV-LOO-
FILING APPLICATION DATA:
APPLICATION NUMBER: US 07/906,397
APPLICATION NUMBER: 26-JUN-1992
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APPLICATION NUMBER: US/08/252,517
FILING DATE: 31-OCT-1994
FLANSFRICATION: 530
                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,451
FILING DATE: 19-NOV-1992
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TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
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                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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208..264
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265..4308
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STRANDEDNESS: double
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U.S.A.
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US-08-252-517-5
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Best Local S
  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 5406;
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Patent No. 5548065
GENERAL INFORMATION:
APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: IMClone Systems Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
16.7%; Score 154.6; DB 1;
Best Local Similarity 96.2%; Pred. No. 3.5e-32;
Matches 201; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: ImClone Systems Incorporated 180 Varick Street
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                                             PILING DATE: 19920917
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/793,065
FILING DATE: 15 NOV-1991
                                                                                                                                                                                          FILING DATE: 15-NOV-1991
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US/07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION NUMBER: US/07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                              NAME: Felt, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEM-3-PPP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEPRAX: 212-645-2054
            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/946,507
FILING DATE: 19920917
                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: I.ENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) NAME/KEY: mat_peptide
) LOCATION: 208..4308
US-07-946-507-3
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EDNESS: single
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LOCATION: 208..4311
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New York
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                                                          60 GGCTGGAGCCAGGGCGCCGGTG-CCCGCGTCTCCCCGGTCTTGCGCTGCGGGGGCCGAT 118
APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/906,397A
FILING DATE: 19920626
                                                                                                                       897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                           179 GGGCTCTGTGCCCAGGCGGAGGTGCAGG 207
                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LEM-3-PPPPP
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FILING DATE: 15-NOV-1991
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-ARF-1991
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PC-DOS/MS-DOS
                                                                                                                                                                                                                                   Sequence 5, Application US/07906397A
Patent No. 5621090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Felt, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEN
TELECOMMUNICATION
TELEPHONE: 212-645-1405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: CDN
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                               NEW YORK
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718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCGGATTCCGCGGGACACCGCTGCAGCCGC 777
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                                                                                                                                                                                                                                                                                 4; Gaps
                                             Ouery Match 16 7%; Score 154.6; DB 1; Length 5406; Best Local Similarity 96.2%; Pred. No. 3.5e-32; Matches 201; Conservative 0; Mismatches 4; Indels 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lemischka, Thor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/601,891
                                                                                                                                                                                                                                                                                                                                  897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                                                                                       179 GGGCTCTGTGCCCAGGCGAAGGTGCAGG 207
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 15-FEB-1996
CLASSIFICATION: 530
PILOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,451
FILING DATE: 19-NOV-1992
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28-JUN-1991
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Patent No. 5747651
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07
FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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LOCATION: 208..4308
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
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: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U ZIP: 10014
   ; LOCATION:
US-07-906-397A-5
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60 GGCTGGAGCCAGGGCGCCGGTG-CCCGCGCTCTCCCGGTTTGCGCTGCGGGGGCCCGT 118
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity 96.2%; Pred. No. 3.5e-32; Length 5406; D1; Conservative 0; Mismatches 4; Indels 4;
                                                                                                                                                                                                                                                                                  US PCT/US92/02750
                                                                                                                                                                                 US PCT/US92/05401
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APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US 07/679,666
                                                                                                                         APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                    US 07/793,065
                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/977,451
FILING DATE: 1992-11-19
CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/021,324
                                                                                                                                                                                                 PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
TW 81102961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Feit, Irving N.
REGISCRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEB
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFRAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/8
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
FILING DATE: 15-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                   APPLICATION NUMBER: US PC
FILING DATE: 26-JUN-1992
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208..264
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STRANDEDNESS: double
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                                                                                                                PRIOR APPLICATION DATA:
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                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
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                                                                                                      FILING DATE:
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                                       FILING DATE:
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US-09-021-324-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 16.7%; Score 154.6; DB 1; Length 5406; Best Local Similarity 96.2%; Pred. No. 3.5e-32; Matches 201; Conservative 0; Mismatches 4; Indels 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: TBM PC compatible
COMPUTER: YSTEW: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: ImClone Systems Incorporated 180 Varick Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           179 GGGCTCTGTGCCCAGGCGCGAGGTGCAGG 207
                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N.
REGISTRATION NUMBER: 28.601
REFERENCE/DOCKET NUMBER: LEM-3-7P
TELEPHONE: 212-645-1405
TELEPHONE: 212-645-1405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-021-324-5; Sequence 5, Application US/09021324; Patent No. 5912133
                                                                                                                                                                                   INFORMATION FOR SEO ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                                         FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 201; Conservative
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265..4308
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208..264
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 208..4311
                                                                                                                                                                                                                                                                                          MOLECULE TYPE: CDNA HYPOTHETICAL: NO
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New York
Y: U.S.A.
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                                                                                                                                                                                                                                                                          linear
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HYPOTHETICAL: NO
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US-08-601-891-5
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119 ACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGGAGGAGTCTGTGCCTGAGAACT 178
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                                                                                                                       Sequence 7, Application PC/TUS9202750
GENERAL INFORMATION:
APPLICANT: LEMISCHKA, IHOR R.
TITLE OF INVENTION: Totipotent Hematopoietic Stem Cell
TITLE OF INVENTION: Receptors And Their Ligands
                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                          ADDRESSEE: IMCLONE SYSTEMS INCORPORATED STREET: 180 VARICK STREET
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                                                                                                                                                                                                                                                                                                                      E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 19920402
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: FELT, INVING N.
REGISTRATION NUMBER: 28,601
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TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
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INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
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208..4308
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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208..4311
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MOLECULE TYPE: CDNA
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; LOCATION:
PCT-US92-02750-7
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LOCATION:
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718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCGG 777
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                                                   APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS: ADDRESS: INCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4; Indels
                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16.7%; Score 154.6; DB 5; 96.2%; Pred. No. 3.5e-32; tive 0; Mismatches 4;
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                  Sequence 5, Application PC/TUS9205401 GENERAL INFORMATION:
APPLICANT: Lemischka, Ihor R.
                                                                                                                                                                                                                                        COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application PC/TUS9209893 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                                                                                          28,601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,6
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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Best Local Similarity 96.2%
Matches 201; Conservative
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EDNESS: single
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                                                                                                                                                                           NEW YORK
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CLASSIFICATION:
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PCT-US92-05401-5
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PCT-US92-05401-5
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711 GCCCAGACTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACGCTG 770
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     APPLICANT: Kendall, Richard L.
TITLE OF INVENTION: INHIBITOR OF VASCULAR ENDOTHELIAL CELL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: THOMAS, KENNETH A.
APPLICANT: KENDALL, RICHARD L
TITLE OF INVENTION: INHIBITOR OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: CELL GROWTH FACTOR
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             887 CCTGAGAACT-GGGCTCTGTGCCCAGCGCGAGGTGCAGG 924
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                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,538
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STREET: P.O. Box 2000, 126 E. Lincoln Ave.
                                                                                                  ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000 126 E Lincoln Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                              18888IA
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                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 188
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           35,403
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Thomas, Kenneth A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (908) 594-3905
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              63.9%;
                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          NAME: Wallen, John W.III
REGISTRATION NUMBER: 35,
                                                                                                                                                                                                                                Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2264 base pairs
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Best Local Similarity 63.9%
Matches 140; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                           COUNTRY: USA
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                       CORRESPONDENCE ADDRESS:
                                                                      NUMBER OF SEQUENCES:
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       TITLE OF INVENTION: TOTIBOTENT HEMATOPOIETIC STEM CELL TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US92/09893 FILING DATE: 19921116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                179 GGGCTCTGTGCCCAGGCGCGAGGTGCAGG 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                 ADDRESSEE: ImClone Systems Incorporated STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 16, Application US/08232538; Patent No. 5712380; GENERAL INFORMATION:
                                                                                                                                                                                                       E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEB
                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: mat_peptide LOCATION: 265..4308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sig_peptide
208..264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CUENCTH: 5406 DALL LENGTH: TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: CDS
TOCATION: 208..4311
                          TITLE OF INVENTION: RE NUMBER OF SEQUENCES: 1 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: CDNA HYPOTHETICAL: NO ANTI-SENST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
                                                                                                                                                                                                                                                 OPERATING SYSTEM:
                                                                                                                                          New York
: U.S.A.
                                                                                                                                                                                                                                                                                                                      FILING DATE: 19 CLASSIFICATION:
                                                                                                        STREET: 180 Van
CITY: New York
                                                                                                                                                                                                                 MEDIUM TYPE:
                                                                                                                                                            COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 13
US-08-232-538-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 201;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION:
                                                                                                                                                                                                                                COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT-US92-09893-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                            STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        qq
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            711 GCCCAGACTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTG 770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             771 CAGCCGCCGGTGGAGCCAGGCGCCGGTGCCCCGCGTCTCCCCGGTCTTGCGCTGCGGG 830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      831 G----GCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGGAGGAGTCTGTG 886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 7.6%; Score 70.6; DB 2; Length 2264; Best Local Similarity 63.9%; Pred. NO. 9.3e-10; Matches 140; Conservative 0; Mismatches 74; Indels 5; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: DATE OF SECULOR OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         887 CCTGAGAACT-GGGCTCTGTGCCCAGCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           231 CTCCCGAGTTCCGCCATTTCGCCCGGCTCGAGGTGCAGG 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Hamilton, Brook, Smith & Reynolds, P.C.
                                                                                      SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
PELLING DATE: 02.08/786,164
FILING DATE: 21-JAN-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                            1888BDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                         NAME: Mark Hand, J
REGISTRATION NUMBER: 36,545
REFERENCE/DOCKET NUMBER: 186
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08586165
Patent No. 6054298
                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                   COMPUTER: IBM Compatible
                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: Genomic DNA US-08-786-164-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                           2264 base pairs nucleic acid
                                             Diskette
                                                                                                                                                                                                                                                                                                 908-594-4720
                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                              single
                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
                                                                      OPERATING SYSTEM:
           07065-0900
                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: TWO MILLA
CITY: Lexington
   USA
                                             MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                               TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-586-165-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              02173
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                        LENGTH
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STATE:
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748 ACCCGATTCCGCGGACACCGCTGCAGCCGCGCTGGAGCCAGGGCGCCGGTGCCCCGCGC 807
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         808 TCTCCCCGGTCTTGCGCTGCGGGGCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGG 867
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    188 cggcaacgrccccgcgggccgccrccgcTTCGGGGAGGCCTGCTGGGCCCGG 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               868 GACGGAGAAGGAGTCTGTGCCTGAGAACTGGGCTCTGTGCCCAGCGCGAGGTGCAG 923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          join(1..240, 244..474, 478..531, 538..579, 583
..678, 682..687, 691..807, 811..843, 850..870,
874..990, 994..1056, 1060..1083, 1087..1104, 1108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match

4.3%; Score 40; DB 3; Length 1120;
Best Local Similarity 51.7%; Pred. No. 0.12;
Matches 91; Conservative 0; Mismatches 85; Indels
  SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                       APPLICATION NUMBER: US/08/586,165
FILING DATE: 16-JAN-1996
CLASSIFICATION: 800
                                                                                                                                                                  REFERENCE/DOCKET NUMBER: HU95-05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Search completed: June 16, 2003, 13:59:53
                                                                                                                        NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                  LENGTH: 1120 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Job time : 55.8991 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION:
LOCATION:
LOCATION:
SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION:
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June 16, 2003, 13:47:07; Search time 125.274 Seconds (without alignments) 10680.673 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                          1029858 seqs, 724030393 residues
                                                                                                                                                                              US-09-445-201-1_COPY_6036_6959
                                                               OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                         Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                     IDENTITY_NUC
                                                                                                                                                                                               Perfect score:
                                                                                                                                                                                                                                                     Scoring table:
                                                                                                                                                                                                                   Seguence:
                                                                                                                                                                                                                                                                                                          Searched:
                                                                                                      Run on:
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Published Applications_NA:*

1: /cgn2_6/ptodata/2/pubpna/US07_pUBCOMB.seq:*
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
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14: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*

Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 32, Appl Sequence 10, Appl Sequence 1, Appl Sequence 5, Appli Sequence 17, Appl Sequence 17, Appl Sequence 35, Appl Sequence 35, Appl Sequence 162, Appl Sequence 10271, Appl Sequence 290, Appl Sequence 290, Appl Sequence 290, Appl Sequence 290, Appl Sequence 290, Appl Sequence 10015, Appl Sequence 10016, Appl Sequence 10018, Appl Sequence 10018, Appl Sequence 1, Appli
SUMMARIES .	US-09-738-968-32 US-09-967-655-10 US-09-766-678-1 US-09-919-408-5 US-09-967-655-17 US-09-967-655-13 US-09-967-655-13 US-09-967-655-13 US-09-967-655-13 US-09-864-761-1027 US-09-864-761-1027 US-09-864-761-1027 US-09-864-761-1027 US-09-864-1290 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018 US-09-764-891-10018
DB	100 110 110 110 110 110 110
% Query Match Length DB	4487 5470 5476 5406 5406 5406 5810 2481 3681 1523 1523 3784 11103 1641
% Query Match	988.3 108.3 106.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10
Score	909.4 1699.1 154.6 154.6 110.7 110.3 37.6 37.6 37.6 37.8 37.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8
Result No.	C C C C C C C C C C C C C C C C C C C

Sequence 1, Appli Sequence 49, Appli Sequence 51, Appli Sequence 51, Appli Sequence 113, Appli Sequence 113, Appli Sequence 1, Appli Sequence 369, Appli Sequence 34, Appli Sequence 37, Appli Sequence 37, Appli Sequence 37, Appli Sequence 38, Appli Sequence 38, Appli Sequence 36, Appli Sequence 37, Appli Sequence 39, Appli Sequence 399, Appli Sequence 391, Appli Sequence 399, Appli Sequence 391, Appli Sequence 391, Appli
10 US-09-800-909-1 10 US-09-800-908-2 9 US-09-902-176A-51 9 US-09-902-176A-51 10 US-09-954-456-1187 10 US-09-954-456-1187 10 US-09-954-456-1187 10 US-09-954-456-1187 10 US-09-836-077-1 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-836-077-3 10 US-09-918-995-26044 9 US-09-978-697-399 10 US-09-978-697-399 10 US-09-978-697-399 10 US-09-978-192A-399 10 US-09-978-192A-399 10 US-09-978-189-399 10 US-09-978-189-399 10 US-10-078-381
2224 2224 3683 3683 3683 3683 3683 3683 3788 471 471 471 2793 2236 52236 52236 52236 52236 52236
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
011020202020202020202020202020202020202

ALIGNMENTS

SGULT 1 -09-738-968-32 Sequence 32, Application US/09738968 Sequence 32, Application US/09738968 GENERAL INCORNATION: APPLICANT: Cortag, Pamela R. APPLICANT: Cortag, Pamela R. APPLICANT: Lang, Ning TITLE OF INVENTION: MODILATING COMPOSITIONS FOR SCREENING FOR ANGIOGENESIS FILE REFERENCE: 9400-0012_20 CURRENT FILING DATE: 2001-05-11 PRIOR FILING DATE: 1999-12-16 SOFTWARE: PATENTION NUMBER: US/09/55,978 NUMBER OF SEQ ID NOS: 45 SEQ ID NO 32 LENGTH: 4487 TYPE: DAA ORGANISM: MUS Sp. 09-738-968-32	Query Match 98.4%; Score 909.4; DB 10; Length 4487; Best Local Similarity 99.8%; Pred. No. 3.2e-281; 1; Indels 1; Gaps 1; Matches 921; Conservative 0; Mismatches 1; Indels 1; Gaps 1; 1 Gangervative 0; Mismatches 1; Indels 1; Gaps 1; 1 Gangervative 0; Gangervative 0; Gangervative 0; Gangervative 0; 3563 Gangervative 0; Gangervative 0; Gangervative 0; Gangervative 0; 6 Gangervative 0; Gangervative 0; Gangervative 0; Gangervative 0; 6 Gangervative 0; Gangervative 0; Gangervative 0; Gangervative 0; 1 Hill Hill Hill Hill Hill Hill Hill Hill
RESULT 1 US-09-738-968-32 Sequence 32, Applacent No. US20 GENERAL INFORMA APPLICANT: Con APPLICANT: Pu APPLICANT: Pu TITLE OF INVEN TITLE TITLE OF INVEN TITLE TIT	Ouery Match Best Local Matches 921 3563 61 3623 3683 181
REE COST	

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190 GGCC-CATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGAAGAAGAACTCTCTGCCT 248
                                     711 GCCCAGACTGTGTCCCCCCAGCCGGGATAACCTGGCTGACCCGGATTCCGCGGACACCGCTG 770
                                                                 70 GCCCAGACTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTG 129
                                                                                               771 -CAGCCGCGCTGGAGCCAGGGCGCCGGTGCCCCGCGTCTCCCCGGTCTTGCGCTGCGG 829
                                                                                                              830 GGGCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGAAGAAGTCTGTGCCT 889
              4; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                              Levitzki, Alex
TITLE OF INVENTION: Flk-1 Is A Receptor For Vascular
Endothelial Growth Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
              Indels
                                                                                                                                                                                                                                   890 GAG-AACIGGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
            ..
98.2%; Pred. No. 1.1e-43; tive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/766,678
FILING DATE: 25-Jan-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 7683-060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/193,829
FILING DATE: 09-FEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 5470 base pairs
                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/09766678; Patent No. US20020081650A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     Risau, Werner
Millauer, Birgit
Gazit, Aviv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: unknown MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    286.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY:
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      Best Local Similarity
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                                                                                                                                                                                                                                                                                                               US-09-766-678-1
                       213;
                       Matches
                                                                                                                                                                                                                                                                                                      RESULT 3
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 10
LENGTH: 5470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              540
                                                                                                                                                                                                                                                                                                                                                                            601 ATTCGCTAGTGTGTAGCCGGCGCTCTTTTTTGCCCTGAGTCCTCAGGACCCCAAGAGAG 650
                                                                                                                                                                                                                                                                                                                      361 GAIGCITCCCAGGIIGCIGGGGGCAGCAAGIGICTCAGAGCCCAITACIGGCIACAIIII 420
                                                                                                                                                                                                    421 ACTICCACCAGAAACCGAGCIGCGICCAGAITIGCICICAGAIGCGACTIGCCGCCCGGC 480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      781 TGGAGCCAGGGCGCCGGTGCCCCGCTCTCCCCGGTCTTGCGCTGCGGGGGCGCATACC
                                                                                                                                                                                                                                                             481 ACAGITCCGGGGTAGTGGGGGGGGGGCGTGGGAAACCGGGAAACCCAAACCTGGTAICC
                          241 GICTICAIGCICCCAACIGCGGGGGTITITIGGTCCCTIGGGACTITCAGIGCAGCGGC
                                                                                    301 GAAGAGATTCTGCACTTGCAGGCTCCTAATGAGGGCGCAGTGGGCCTCGTTTCTGGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 5470;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             901 TCTGTGCCCAGCGCGAGGTGCAG 923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 10, Application US/09967655; Publication No. US20030092649A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (286)...(4389)
US-09-967-655-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 2
US-09-967-655-10
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                                                                                    771 -CAGCCGCGGCTGGAGCCAGGGCGCCGGTGCCCCGCGCTCTCCCCGGTCTTGCGCTGCGG 829
                                                                                                                                                    130 ACAGCGGGGTGGAGCCAGGCGCGGTGCCCCGCGCTCTCCCCGGTCTTGCGCTGCGG 189
                                                                                                                                                                                                   830 GGGCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAAGGAGGACTCTGTGCCT 889
                                                                                                                                                                                                                       4; Gaps
     18.3%; Score 169; DB 10; Length 5470; 98.2%; Pred. No. 1.1e-43; Live 0; Mismatches 0; Indels 4;
                                                                                                                                                                                                                                                                                                                                                                                                                              4L INFORMATION:
APPLICANT: Lemischka, Thor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                     890 GAG-AACTGGGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                       119 GAGAAACTGGGCTCTGTGCCCAGGCGCGGGGTGCAGG 285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Imclone Systems Incorporated
STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILLIA DATE: CURANDAM
APPLICATION NUMBER: U/9/1,401
APPLICATION NUMBER: US 07/906,397
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-ARR-1992
FILING DATE: 02-ARR-1992
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-ARR-1992
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/919,408
FILING DATE: 31-JU1-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/793,065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 15-NOV-1991
APPLICATION NUMBER: US 07/728,913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 28-JUN-1991
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: LEM-3-7P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/977,451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 28,601
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5, Application US/09919408
Patent No. US20020072077A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New York
COUNTRY: U.S.A.
ZIP: 10014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: New York
                    Similarity
                                213;
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Query Match
Best Local §
                                  Matches
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718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCCGC 777
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              838 ACCGCCTCTGTGACTTCTTTGCGGGCCAGGGACGGAGGAGGAGTCTGTGCCTGAG-AACT 896
                                                                                                                                                                                                                                                                                                                                                                                           4; Gaps
                                                                                                                                                                                                                                                                                                                           DB 10; Length 5406;
                                                                                                                                                                                                                                                                                                                  16.7%; Score 154.6; DB 10; Length 96.2%; Pred. No. 4.7e-39; tive 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSBE: Imclone Systems Incorporated
STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        179 GGGCTCTGTGCCCAGGCGCGAGGTGCAGG 207
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APPLICATION NUMBER: US/09/021,324
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US/07/977,451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/872,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/208,786
                                                                                                                                                                                                                                                          LOCATION: 208..264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
              LENGTH: 5406 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 01-Jun-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                               sig_peptide
208..264
                                                                                                                                                                                                     mat_peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/09872136
Patent No. US20020119545Al
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                        208..4311
                                                                                                                     FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                265..4308
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                                                             TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                              201; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York COUNTRY: U.S.A. ZIP: 10014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New York
                                                                                     HYPOTHETICAL: NO
                                                                                                       ANTI-SENSE: NO
                                                                                                                                                   NAME/KEY:
                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                           NAME/KEY:
                                                                                                                                                                    LOCATION:
                                                                                                                                                                                                NAME/KEY:
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                                                                                                                                      FEATURE
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR REC
TITLE OF INVENTION: EXPRESSION
FILE REPERENCE: RTS-027
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT APPLICATION DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     819 TTGCGCTGCGGGG----GCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGAC--GG 872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          760 GGACACCGCTGCAGCCG-CGGCTGGAGCCAGGGCGCGGTGCCCCGGGGTCTCCCCGGTC 818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  705 ----CTGAAAGCCCAGACTGTGTCCCGCAGCGGGATAACCTGGCTGACCGGATTCCGC 759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                587 AIGACCCCCCCCATTCCCTAGTGTAGCCGGCGCTCTCTTCTGCCCTGAGTCCTCA 646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  647 GGACCCCAAGAGGTAAGCTGTGTTTCCTTAGATCGCGCGGACCGCTACCCGGCAGGA-- 704
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     493 TAGTGG------GGGAGTGGGCGTGGGAAACCGGGAAACCCAAACCTGGTATC 539
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  671
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            540 CAGTGGGGGGGTGGCCGGACGCAGGG------AGTCCCCACCCTCCCGGTA 586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             436 CGA---GCTGCGTCCAGATTTGCTCTCAGATGCGACTTGCCGCCCGGCACAGTTCCGGGG 492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       392 GT--------CTCAGAGCCCATTACTGGCTACATTTTACTTCCACCAGAAAC 435
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                                                                                                                                                                                                                                                                                                                                                                                                        335 GGGGCAGTGGGCCTCGT---GTTTCTGGTGCTTCCCAGGTTGCTGGGGGCACCAAGT 391
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                                                                                                                                                                                                                                                                          156 CAAAGCACCATAAAACAACTTCCAAGTACTGAC-CAACTCACTGCAAGTTTGTGCCCC 214
                                                                                                                                                                                                                                                                                         315 GGCATACTIGGCIGAGTATCCGCITCTCCCTTGTGGCTCCAAACTGCTGCAGATTCTCGG 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                612 TGTGGGGAAAATGGGGAGATGTAAATGGGCTTGGGGAGCTGGAGATCCCCGGGGTACCC
                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                     11.9%; Score 110; DB 9; Length 1267; 56.0%; Pred. No. 5.7e-25; tive 0; Mismatches 300; Indels 66
                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                       ; LOCATION: (1084)...(1150)
US-09-967-655-17
                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                             NAME/KEY: CDS
                                                                                                                    1267
                                                                                                                                                                                                                                                               466;
                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                      Best Local
                                                                                                                         LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             718 CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCCGC 777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              tch 16.7%; Score 154 6; DB 10; Length 5406; al Similarity 96.2%; Pred. No. 4.7e-39; 201; Conservative 0; Mismatches 4; Indels 4; Caps
                                                                                                     FILING DATE: 15-APR-1992
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
                                                             APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: TW 81102961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              897 GGGCTCTGTGCCCA-GCGCGAGGTGCAGG 924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: LEM-3-7P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEPHONE: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                          PILING DATE: 15-NOV-1991
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UN-1991
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
                                                                                                                                                APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
APPLICATION NUMBER: US 07/793,065
                       APPLICATION NUMBER: US 07/906,397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 208..264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 17, Application US/09967655 publication No. US20030092649A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    NAME: Feit, Irving N. REGISTRATION NUMBER: 28,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: sig_peptide
LOCATION: 208..264
                                                     FILING DATE: 26-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                   LENGIH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     mat_peptide
265..4308
                                                                                                                                                                                                                                                    FILING DATE: 02-APR-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE: NO
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487 CCGGGGTAGTGGGGAGTGGGCGTGGGAAACCGGGAAACCCAAACCTGGTATCCAGTGGG 546
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                                                                                                                                                                                                                              1663 GGGCCGGCGCGCGCCCTCTTGGCCCCCACCCCCTGGGGGGCGAGGGGCGAGCGCG 1604
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                                                                   4; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             847 GTGACTTCTTTGGGGGCCAGGACGGAGGAGGAGTCTGTGGCCTGAGAACTGGGC 900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Craig H. Day
APPLICANT: Davin C. Dillon
APPLICANT: McGowan, Patrick
APPLICANT: Sleath, Paul R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TRATMENT OF HERPES SIMPLEX VIRUS INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4.1%; Score 37.6; DB 10; Length 2481;
44.9%; Pred. No. 0.12;
ive 0; Mismatches 224; Indels 4;
                           Best Local Similarity 44.9%; Pred. No. 0.12;
Matches 186; Conservative 0; Mismatches 224; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 210121.53
CURRENT APPLICATION NUMBER: US/09/894,998
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 35, Application US/09894998
Patent No. US20020090610A1
GENERAL INFORMATION:
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Best Local Similarity 44.9%
Matches 186; Conservative
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US-09-894-998-35/C
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US-09-894-998-35
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                                                                                                               GENERAL INCORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Addrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
                                                                                                                                                                                                                                                                                                                                                                                                                                                     711 GCCCAGACTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTG 770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         771 CAGCCGCGGCT-GGAGCCAGGGCGCCGGTGCCCGGGGTCTCCCCGGTCTTGCGCTGCGG 829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  830 GG----GCGCATACCGCCTCTGTGACTTCTTTGCGGGCCAGGGAC--GGAGAAGGAGTCT 883
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7; Gaps
1032 AGAAAGAACCGGCTCCCGAGTTCTGGGCATTTCGCCCGGCTCGAGGTCTGGGCA 1083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: McGowan, Patrick
APPLICANT: Sleath, Paul R.
APPLICANT: Sleath, Paul R.
APPLICANT: By Paul R.
APPLICANT: Evans, Lavrence S.
APPLICANT: Evans, Lavrence S.
APPLICANT: Wanson, Ryan M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATHENT OF HERPES SIMPLEX VIRUS INFECTION CURRENT APPLICATION NUMBER: US/10/121,988
CURRENT FILING DATE: 2002-04-11
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                       Ouery Match 7.7%; Score 71.4; DB 9; Length 5830; Best Local Similarity 67.0%; Pred. No. 2.4e-12; Matches 148; Conservative 0; Mismatches 66; Indels 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4.1%; Score 37.6; DB 9; Length 2481;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      884 GTGCCTGAGAACTGGGCTCTGTGCCCAGCGCGAGGTGCAGG 924
                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
                                                                                   Sequence 3, Application US/09967655
Publication No. US20030092649A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 35, Application US/10121988
Publication No. US20030068327A1
GENERAL INFORMATION:
APPLICANT: HOSKen, Nancy Ann
                                                                                                                                                                                                                                                                                                                               ; NAME/KEY: CDS
; LOCATION: (304)...(4374)
US-09-967-655-3
                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                     US-09-967-655-3
                                                                                                                                                                                                                                                                          5830
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US-10-121-988-35
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LENGTH: 2481
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                                                                                                                APPLICANT:
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                                                                                                                                           1543 recegedecedececececerecereses 1484
1603 GGGGGGGGAGGAAGAGGCGGAGGACGAGGCCGGGGCCCGAGTCCGACCCGCGCCTCT 1544
                                                                                                          727 GCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGCAGCCGCGGGTGGAGC 786
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                                                                                                                                                                                                     847 GIGACTICTITGCGGGCCAGGGACGGAGGAGTCTGTGCCTGAGAACTGGGC 900
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CURRENT PRILING DATE: 2002-04-11
CURRENT FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 183
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4.1%; Score 37.6; DB 9; Length 3066; 44.9%; Pred. No. 0.13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches 224; Indels
                                                                                                                                                                                                                                                                                                                   Sequence 152, Application US/10121988 publication No. US20030068327Al GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hosken, Nancy Ann
                                                                                                                                                                                                                                                                                                                                                                                            McGowan, Patrick
Sleath, Paul R.
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Matches 186; Conservative
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ORGANISM: HSV2
                                                                                                                                                                                                                                                                                                           US-10-121-988-152/c
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SEQ ID NO 152
LENGTH: 3066
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TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
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OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.75
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.78
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.68
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.63
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.63
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.63
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.77
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/USO1/00662
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-21
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-31
PRIOR PLING DATE: 2000-09-30
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PRIOR FILING DATE: 2001-01-01
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PILING DATE: 2001-01-30
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                                                                                                                                                                                                                                             FILE REFERENCE: Aeomica-X-1 US/09/864,761 CURRENT APPLICATION NUMBER: US/09/864,761 CURRENT FILING DATE: 201-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: GB 24263.6 PRIOR FILING DATE: 2000-10-04 PRIOR PRIOR TILING DATE: 2000-09-27 PRIOR APPLICATION NUMBER: PCT/US01/00666 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00664
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                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-07-10
                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2000-02-04
APPLICATION NUMBER: US 60/207,456
; Sequence 10271, Application US/09864761
; Patent No. US20020048763A1
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NUMBER OF SEQ ID NOS: 49117
                                                                                  APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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                                                             GENERAL INFORMATION:
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235 TCCACCAGCTTGGGTCCCCTTGGCGACCCGTGCCCCTTTCCCGGACTCCCGCGCGGCTG 176
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
                                                                                                                                                                                                                       APPLICANT: Horne, Darci T.
APPLICANT: Horne, Darci T.
APPLICANT: Wockley, Joseph G.
APPLICANT: Scherf, Uwe
APPLICANT: Scherf, Uwe
Gene Logic, Inc.
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer;
FILE REPRENCE: 44921-5028-WO
CURRENT APPLICATION NUMBER: US/09/880,107
CURRENT FILING DATE: 2001-06-14
PRIOR FILING DATE: 2000-06-14
PRIOR FILING DATE: 2000-10-02
PRIOR FILING DATE: 2000-10-02
SOFTWARE: PATENTING DATE: 2000-10-02
SOFTWARE: PATENTING DATE: 2010-10-02
SOFTWARE: PATENTING DATE: 2010-10-02
SOFTWARE: PATENTING DATE: 2010-10-02
SOFTWARE: PATENTING DATE: 201-10-02
SOFTWARE: PATENTING DATE: 201-10-02
SOFTWARE: PATENTING DATE: 201-10-02
SOFTWARE: PATENTING DATE: 201-10-02
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55:4%; Pred. No. 0.44;
ative 0; Mismatches 58; Indels 0;
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US-09-880-107-3327
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ches 58; Indels
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Prior Application removed - See File Wrapper or Palm
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CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
                                                                                                                                                                     ; Sequence 3327, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
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Publication No. US20030044930A1
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Godowski, Paul J.
Gurney, Austin L.
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Best Local Similarity
'-has 72; Conserva'
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                                                                                                                          4.0%; Score 36.8; DB 9; Length 1523;
                                                                                                                                 Matches 35; Conservative 132; Mismatches 308; Indels
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Prior Application removed - See File Wrapper or Palm SEQ ID NO 290
LENGTH: 1523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 290, Application US/10184634; Publication No. US20030068684A1; GENERAL INFORMATION:
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Gurney, Austin L.
Pan, James
Smith, Victoria
Watenabe, Colin K.
Wood, William I.
NUMBER OF SEQ ID NOS: 612
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                                               ; TYPE: PRT
ORGANISM: Homo Sapien
US-10-184-644-290
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               SEQ ID NO 290
LENGTH: 1523
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                                                                                                                      Query Match
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2778 CTCCTGGCTCACGGCTCACGACGCCTCCACGCTCCAGGGGCTGCTCCTGCGC 2836
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                                                                                                                                                           489 GGGGTAGTGGGGAGTGGGGAAACCGGGAAACCCAAACCTGGTATCCAGTGGGGG 548
                                                                                                                                                                                       429 CAGAAACCGAGCTGCGTCCAGATTTGCTCTCAGATGCGACTTGCCGCCCGGCACTTCC 488
                                                                                                         850 S.SA.HN.SC..BSS.HNCD.A.BY.SY.CN.TDB..GY.YNRS...AS.DSKNS.ARNA 791
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                                             0; Gaps
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47.7%; Pred. No. 0.29;
tive 0; Mismatches 149; Indels 11
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CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10015
LENGTH: 3784
Query Match
4.0%; Score 36.8; DB 9; Length 1523;
Best Local Similarity 7.4%; Pred. No. 0.18;
Matches 35; Conservative 132; Mismatches 308; Indels 0
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Best Local Similarity 47.7%
Matches 137; Conservative
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US-09-764-891-10015
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US-09-764-891-10015
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Db 2837 TGCCGGTGATGAGGTCTTCCGGAAAGGCTTCAGCCGTCCGCCACCAGGGCTGCAGG 2896

Qy 858 GCGGCCAGGGAAGGAGTCTGTGCCTGAGACTGGGCTCTG 904

Db 2897 GCCGGCAGAGGGTCAGAGGTCTGTGCCTAGACTGGGCTCAG 2943

Search completed: June 16, 2003, 20:06:27
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Appli Appli

Sequence Sequence Sequence Appl Appl

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Sequence 35,

Sequence

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CURRENT APPLICATION DATA:
PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232.462
CLASCITTY CLASCITUTE
                                                 US-09-436-983-1
US-08-480-799-1
US-08-480-784-20
US-08-487-002-20
US-08-483-553-20
US-08-483-5548-20
US-08-488-0118-20
PCT-US95-10202-20
PCT-US95-10220-20
                                                                                                                                                                                                                                                                                                                          Sequence 14, Application US/08232463
Patent No. 5670367
GENERAL INFORMATION:
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKINER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLDOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ALA
                                                                                                                                                                                          US-08-975-080-35
US-09-630-706-10
US-09-496-694B-3
                                                                                                                                                                                                                                 US-08-699-628-1
                                                                                                                                                                                                                                                                          ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30472/114 IMMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                           1: 1800 Diagonal Road, Suite 500 Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: EP 91 114 300.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
                        59065
59065
2017
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy c
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EDNESS: single
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STRANDEDNESS:
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           US-08-232-463-14
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STATE:
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                                                                     June 16, 2003, 13:37:06; Search time 124.312 Seconds (without alignments) 5794.976 Million cell updates/sec
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Sequence 209, App
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Sequence 110, App
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Sequence 1, Appli
Sequence 3, Appli
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3, Appli
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                                                                                                                                                  1 tgaataagatggaggttgcc.....agggctttcctattggatcc 2349
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Sequence 1,
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                    /cgn2_6/ptcdata/2/ina/5A_COMB.seq:*
/cgn2_6/ptcdata/2/ina/5B_COMB.seq:*
/cgn2_6/ptcdata/2/ina/6A_COMB.seq:*
/cgn2_6/ptcdata/2/ina/6B_COMB.seq:*
/cgn2_6/ptcdata/2/ina/6B_COMB.seq:*
/cgn2_6/ptcdata/2/ina/ptcTuS_COMB.seq:*
/cgn2_6/ptcdata/2/ina/ptcTuS_COMB.seq:*
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US-09-128-155-16
US-09-660-299-1
US-09-660-299-1
US-09-435-377-1
US-09-149-476-13
US-09-149-476-13
US-09-128-155-16
US-09-227-357-32
US-09-59-791A-10
US-08-128-155-17
US-08-08-128-155-17
US-08-126-587C-5
US-08-08-126-387C-5
US-08-08-126-387C-5
US-08-126-387C-5
US-08-126-387C-5
US-08-126-387C-5
US-08-126-384A-20
US-08-724-394A-21
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                                            OM nucleic - nucleic search, using sw model
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Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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Match Length DB
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39.6
39.6
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2.0%; Score 47.6; DB 1; Length 7218;

PTZgpt-F1s

US-08-232-463-14

Appli

Sequence 183,

Sequence 1,

US-08-076-011-1 US-09-338-907-183 US-09-218-207-183

17041 37950 37950

Sequence 183

Query Match

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                                                                                                                                                                                                                                 1383 CTTCTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAGTCTCAAACTTGCGGGTCCA 1442
                                                                                                                                                                                                                                                              1443 TTTGTCTCACTCATCAGAATGCTGGGCTTCCAGGTGTGTGCGCACCACACTAGGTAGCTCGC 1502
                                                                                                                                   1263 TCGTTCACGTTCACTTATTTGCCCAACAACGTCAATGCCAGCTGAGGCCTTAGGAGTCAT 1322
                                        1203 TCACGGCATTGGCTATTGCCTTGGCTCTTTGCTAATACTTTATTGACATGGCCTCATCT 1262
               0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Fu, Ying-Hui
APPLICANT: Fu, Chang-En
APPLICANT: Oshima, Junko
APPLICANT: Mulligan, Junko
TAPLICANT: Mulligan, Junko
TAPLICANT: Schellenberg, Gerald D.
APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
TITLE OF INVENTION: WERNER'S SYNDROME
NUMBER OF SEGURACES: 209
CORRESPONDENCE ADDRESS:
Best Local Similarity 8.7%; Pred. No. 0.0012;
Matches 38; Conservative 208; Mismatches 192; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3: SEED and BERRY LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 240052.419
TELECOMMUNICATION INFORMATION:
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FILING DATE: 27-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 209, Application US/08781891
Patent No. 6090620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1623 AGATGCTTTTTTGCATTT 1640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1486 TGATGCCTACATGCCGTT 1503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 209:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Seattle
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1337 TGGGAATTAGAAAGCCTGGATGCCTGCTGCTATTAATTAGTTATTCTTCTCTTCTGAGA 1396
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                                                                                                                                                                                                                                                                                   1428 CAAACTTGCGGTCCATTTGTCTCACTCAGAATGCTGGGCTTCCAGGTGTGTGC 1483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Pan. Yang

TITLE OF INVENTION: AND USES THEREOF

FILE REPERENCE: 09404/052001

CURRENT APPLICATION NUMBER: US/09/128,155

CURRENT FILING DATE: 1998-08-03

EARLIER FILING DATE: 1998-07-02

EARLIER FILING DATE: 1998-07-02

EARLIER FILING DATE: 1997-08-04

EARLIER FILING DATE: 1997-08-04

SERLIER FILING DATE: 1997-08-04

NUMBER OF SEO ID NOS: 18

SOFTWARE: FASLEGO FOR WINDOWS VERSION 3.0
                                                                                                                                                         Gaps
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Best Local Similarity 63.5%; Pred. No. 0.15;
Matches 66; Conservative 0; Mismatches 38; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Morris, Arvia E.
APPLICANT: Lee, Chi-Chang
APPLICANT: Thomas, James N.
TITLE OF INVENTION: Expression Augmenting Sequence Elements
                                                                                                             y Match 1.9%; Score 45.6; DB 3; Length 51259; Local Similarity 62.1%; Pred. No. 0.015; hes 72; Conservative 0; Mismatches 44; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Immunex Corporation
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; Sequence 1, Application US/08785150
; Patent No. 6027915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; LOCATION: (1)...(152331); OTHER INFORMATION: n = A,T,C or GUS-09-128-155-16
                                                                                                                                                                                                                                                                                                                                                                                          : 51259 base pairs
nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                            linear
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                                                        STRANDEDNESS:
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US-08-781-891-209
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                          LENGTH:
                                                                                                                                       Query Match
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                                                                                                                                                                          Matches
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1364 CTGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCAGTGTGTGGCCCAGGCTA 1423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.8%; Score 42.2; DB 3; Length 14507;
59.9%; Pred. No. 0.072;
tive 0; Mismatches 58; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Morris, Arvia E.
APPLICANT: Lee, Chi-Chang
APPLICANT: Thomas, James N.
TITLE OF INVENTION: Expression Augmenting Sequence Elements
                                                                                                                      OFFWARE: Microsoft Morpie Operating System Software 7.1
SOFFWARE: Microsoft Word for MacIntosh, Version 5.1a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1483 CACCACACTAGGTAGCTCGCGTTTTAA 1509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     266 CTGACTACAGGCAAGCTTGTTTGTTTA 292
                                                                                                                                                     APPLICATION NUMBER: US/08/785,150
                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/586,509
FILING DATE: 11-JAN-96
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Chinese hamster
IMMEDIATE SOURCE:
CLONE: 2A5-3 lambda CHO sequence
51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                          SS: single
No. 6027915 Relevant
                                                                                                                                                                                                                                                         NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6309841
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
"THEFT: 51 University Street
                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 284
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09660299
Patent No. 6309841
GENERAL INFORMATION:
                                                                                                   Apple Macintosh
                                                                                                                                                                                                                                                                                                                         TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA (genomic)
                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 14507 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                              OPERATING SYSTEM:
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Best Local Similarity
                 Seattle
                                                                                                                                                                                   CLASSIFICATION:
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Z
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STREET: 51 ...
TTTY: Seattle
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                                                         98101
                                                                                                                                                                      FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
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                                                                                                  COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                        COUNTRY:
STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                   OPOLOGY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE:
                             STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-785-150-1
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1364 CTGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTA 1423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match
1.8%; Score 42.2; DB 4; Length 14507;
Best Local Similarity 59.9%; Pred. No. 0.072;
Matches 88; Conservative 0; Mismatches 58; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Morris, Arvia E. APPLICANT: Lee, Chi-Chang APPLICANT: Thomas, James N. TITLE OF INVENTION: Expression Augmenting Sequence Elements NO. 6312951
                                                                 OPERATING SYSTEM: Apple Operating System Software 7.1 SOFTWARE: Microsoft Word for Macintosh, Version 5.1a APPLICATION NUMBER: US/09/660,000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1483 CACCACACTAGGTAGCTCGCGTTTTAA 1509
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                                                                                                            US/09/660,299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
CLONE: 2A5-3 lambda CHO sequence
                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/586,509
                                                                                                                                                                                                                                                                                                                                                                                 SS: single
No. 6309841 Relevant
                                                                                                                                                                                                                  NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2841
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Immunex Corporation
STREET: 51 University Street
                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1. Application US/09435377; Patent No. 6312951
                                  MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Apple Op
                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: No. 6309841 Rele
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                    TELEPHONE: (206)587-0430
TELEPAX: (206)233-0644
INFORMATION FOR SED ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                              14507 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Chinese hamster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                               nucleic acid
                                                                                                                                      CLASSIFICATION:
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                                                                                                                       FILING DATE:
                                                                                                                                                                                     FILING DATE:
98101
                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL:
                                                                                                                                                                                                                                                                                TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM:
                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI - SENSE:
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73.0%; Pred. No. V.2',
rive 0; Mismatches 20; Indels
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TITLE OF INVENTION: 186 Human Secreted proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/149,476
CURRENT FILING DATE: 1998-09-08
CURRENT FILING DATE: 1998-09-08
EARLIER APPLICATION NUMBER: PCT/US98/04493
EARLIER FILING DATE: 1998-03-06
EARLIER APPLICATION NUMBER: 60/040,162
EARLIER FILING DATE: 1997-03-07
pred. No. 0.2;
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EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,613
EARLIER FILING DATE: 1997-05-23
EARLIER FILING DATE: 1997-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,587
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,492
EARLIER FILING DATE: 1997-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LICATION NUMBER: 60/047,500
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EARLIER FILING DATE: 1997-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/047,618
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,597
FILING DATE: 1997-05-23
FILING DATE: 1997-05-23
FILING DATE: 1997-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/047,600
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/040,163
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APPLICATION NUMBER: 60/040,626
FILING DATE: 1997-03-07
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APPLICATION NUMBER: 60/040,336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/040,334
                                                                                                                                                                                                                                                                                                                                                                                       Sequence 110, Application US/09149476
Patent No. 6420526
GENERAL INFORMATION:
APPLICANT: Rosen et al.
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APPLICATION NUMBER: 60/
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APPLICATION NUMBER: 60/
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                                       54; Conservative
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            Best Local Similarity
Matches 54; Conserv
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Sequence 3, Application US/09784316
Patent No. 6461843
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: WEL, MING-HUI et al.
APPLICANT: WEL, MING-HUI et al.
APPLICANT: WEL, MING-HUI et al.
TITLE OF INVENTION: ACID MOLECULES ENCODING HOMAN ENZYME PROTEINS, AND USES TITLE OF INVENTION: THEREOF
FILE REFERENCE: CL001139
FILE REFERENCE: CL001139
FULE REFERENC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1424 GICTCAAACT-TGCGGTCCATTTGTCTCACTCATCAGAATGCTGGGCTTCCAGGTGTGTG 1482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1364 CTGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTA 1423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ouery Match 1.8%; Score 42.2; DB 4; Length 14507; Best Local Similarity 59.9%; Pred. No. 0.072; Matches 88; Conservative 0; Mismatches 58; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.8%; Score 42; DB 4; Length 65042;
                                             OPERATING SYSTEM: Apple Operating System Software 7.1 SOFTWARE: Microsoft Word for Macintosh, Version 5.1a CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/435,377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1483 CACCACACTAGGTAGCTCGCGTTTTAA 1509
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Chinese hamster
IMMEDIATE SOURCE:
CLONE: 2A5-3 lambda CHO sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (1)...(65042)
OTHER INFORMATION: n = A,T,C or G
US-09-784-316-3
                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/586,509
FILLING DATE: 11 JAN 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SS: single
No. 6312951 Relevant
                                                                                                                                                                                                                                                                                                                                       NAME: PETKINS, PATRICIA ANNE
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2841
                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (206)587-0430
TELEPAX: (206)233-0644
INFORMATION FOR SEQ ID No: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 14507 base pairs
                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
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                                                                                                                                                                                                            CLASSIFICATION:
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ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               65042
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                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL:
                                                                                                                                                                                    FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                POPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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1367 CTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGGCCAGGCTAGTC 1426
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EARLIER PAPLICATION NUMBER: 60/047,632
EARLIER PILING DATE: 1997-05-23
EARLIER PRELICATION NUMBER: 60/047,631
EARLIER PAPLICATION NUMBER: 60/047,601
EARLIER PELING DATE: 1997-05-33
EARLIER APPLICATION NUMBER: 60/043,580
EARLIER APPLICATION NUMBER: 60/043,580
EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,569
EARLIER PILING DATE: 1997-04-11
EARLIER PELING DATE: 1997-04-11
EARLIER PELING DATE: 1997-04-11
EARLIER FILING DATE: 11997-04-11 EARLIER FILING DATE: 1997-04-11

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/048,974

EARLIER APPLICATION NUMBER: 60/056,894

EARLIER FILING DATE: 1997-06-05

EARLIER FILING DATE: 1997-08-22

EARLIER FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/047,596 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,612 FILING DATE: 1997-05-23 ARLIER FILING DATE: 1997-04-14
ARLIER APPLICATION NUMBER: 60/043,313
ARLIER FILING DATE: 1997-04-11
ARLIER APPLICATION NUMBER: 60/043,672 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/043,669 FILING DATE: 1997-04-11 SARLIER APPLICATION NUMBER: 60/043,674 ARLIER APPLICATION NUMBER: 60/043,312
ARLIER FILING DATE: 1997-04-11 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/043,315 EARLIER FILING DATE: 1997-08-22 EARLIER APPLICATION NUMBER: 60/056,888 EARLIER FULLOR DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,911
EARLIER APPLICATION NUMBER: 60/056,636
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,636 EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,888
EARLIER FILING DATE: 1807-08-22 EARLIER APPLICATION NUMBER: 60/056,880 EARLIER FILING DATE: 1997-08-22 EARLIER APPLICATION NUMBER: 60/056,894 EARLIER FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,910 EARLIER FILING DATE: 1997-05-23 FILING DATE: 1997-08-22 FILING DATE: 1997-08-22 FILING DATE: 1997-08-22

EARLIER PELLING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-08-23
EARLIER FILING DATE: 1997-05-23
EARLIER FILING DATE: 1997-05-23
EARLIER PELLING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,588
EARLIER APPLICATION NUMBER: 60/047,586
EARLIER FILING DATE: 1997-05-23
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,586
EARLIER APPLICATION NUMBER: 60/047,590
EARLIER APPLICATION NUMBER: 60/047,590
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EARLIER APPLICATION NUMBER: 60/047,594
EARLIER APPLICATION NUMBER: 60/047,594
EARLIER APPLICATION NUMBER: 60/047,594
EARLIER FILING DATE: 1997-05-23
EARLIER RILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/043,576
EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,501
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER APPLICATION NUMBER: 60/056,632
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664 EARLIER FILING DATE: 1997-08-22

EARLIER FILING DATE: 1997-08-22

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,909

EARLIER APPLICATION NUMBER: 60/056,875

EARLIER FILING DATE: 1997-08-22

EARLIER FILING DATE: 1997-06-06

EARLIER PILING DATE: 1997-06-06

EARLIER PILING DATE: 1997-06-06

EARLIER PAPLICATION NUMBER: 60/048,964

EARLIER PAPLICATION NUMBER: 60/048,964 EARLIER APPLICATION NUMBER: 60/056,864 EARLIER FILING DATE: 1997-08-22 EARLIER APPLICATION NUMBER: 60/056,631 1997-08-22 IUMBER: 60/056,845 FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/057,761
FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/047,595 60/056,892 EARLIER FILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/047,614 EARLIER FILING DATE: 1997-614
EARLIER APPLICATION NUMBER: 60/043,578
EARLIER FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/056,876 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,881 EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,669 EARLIER FILING DATE: 1997-06-13 EARLIER APPLICATION NUMBER: 60/061,060 EARLIER FILING DATE: 1997-10-02 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/ FILING DATE: 1997-04-11 APPLICATION NUMBER: 1997-09-0 EARLIER FILING DATE: 1997-09 EARLIER APPLICATION NUMBER: FILING DATE:

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Gaps

0;

1.8%; Score 41.8; DB 4; Length 1751; 61.5%; Pred. No. 0.027; tive 0; Mismatches 42; Indels 0

Best Local Similarity 61.5 Matches 67; Conservative

Query Match

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0; Gaps
                                                                                                                                                 Query Match 1.7%; Score 40.8; DB 3; Length 152331; Best Local Similarity 61.1%; Pred. No. 0.77; Matches 66; Conservative 0; Mismatches 42; Indels 0;
                                                                                                                                                                                                                                                                                                                                              APPLICANT: Fischer et al.
TITLE OF INVENTION: 123 Human Secreted Proteins
FILE REFERENCE: P2010P1
                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/227,357
CURRENT APPLICATION NUMBER: PCT/US98/13684
EARLIER APPLICATION NUMBER: PCT/US98/13684
EARLIER FILING DATE: 1990-01-07
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1997-07-08
EARLIER APPLICATION NUMBER: 60/051,793
EARLIER APPLICATION NUMBER: 60/052,793
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EARLIER APPLICATION NUMBER: 60/055,948
EARLIER FILING DATE: 1997-08-18
EARLIER APPLICATION NUMBER: 60/055,949
EARLIER FILING DATE: 1997-08-18
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EARLIER APPLICATION NUMBER: 60/055,964
EARLIER FILING DATE: 1997-08-18
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APPLICATION NUMBER: 60/055,947
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EARLIER FILING DATE: 1997-08-18
EARLIER FILING DATE: 1997-08-18
EARLIER FILING DATE: 1997-08-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/052,795
FILING DATE: 1997-07-08
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APPLICATION NUMBER: 60/051,918
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FILING DATE: 1997-07-08
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APPLICATION NUMBER: 60/052,732
FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,931
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EARLIER FILING DATE: 1997-07-08
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APPLICATION NUMBER: 60/051,932
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APPLICATION NUMBER: 60/052,803
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                                                                                                                                                                                                                                                                                                 Sequence 32, Application US/09227357 Patent No. 6342581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1997-07-08
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EARLIER APPL
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EARLIER 2
EARLIER 3
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                                                                                                                                                                                                                                                                                           APPLICANT: Zianghe XAN, Karen A. KETCHUM, Valentina DIFRANCESCO, Ellen M. BEASLEY TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS, TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND TITLE OF INVENTION: USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        45275 AATATTTTTTTTTTTTGAGAGACAGGGTCTCACTATGTTGCCAGGCTAGTCTCAAA 45216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1372 AATTAGTTATTCTTCTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAGTCTCAAA 1431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT'S PAIN, YABO,
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
TITLE OF INVENTION: AND USES THEREOF
TITLE OF INVENTION: AND USES THEREOF
TITLE OF INVENTION: AND USES THEREOF
FILE REFREENCE: 09404/052001
GENERAL APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER PILING DATE: 1998-07-02
EARLIER PILING DATE: 1998-07-02
EARLIER PILING DATE: 1997-08-04
EARLIER PILING DATE: 1997-08-04
EARLIER FILING DATE: 1997-08-04
EARLIER PILING DATE: 1997-08-04
EARLIER FILING DATE: FastSEQ for Windows Version 3.0
                                                       1368 TATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAGTCT 1427
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0
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                                                                                                                    1428 CAAACTIGGGGTCCATTIGICTCACTCATGAATGCTGGGCTTCCAGG 1476
                                                                                                                                           16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: CL001151CIP
CURRENT APPLICATION NUMBER: US/09/797,906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               . LOCATION: (1)...(152331);
OTHER INFORMATION: n = A,T,C or G
US-09-128-155-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 16, Application US/09128155
; Patent No. 6117654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (1)...(84495)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                              Seguence 3, Application US/09797906
Patent No. 6329188
                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity 76.1%;
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                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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LENGTH: 152331
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        84495
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US-09-797-906-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
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Tue Jun 17 12:27:51 2003

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1359 CCTGCCTGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGCCCA 1418
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US-09-659-791A-10/C.

Sequence 10, Application US/09659791A

Sequence 10, Application US/09659791A

GENERAL INFORMATION:

APPLICANT: Breat P. Monia

TITLE OF INVERTION: AFFERER

FILE REFERENCE: RTS-0156

CURRENT APPLICATION NUMBER: US/09/659,791A

CURRENT FILING DATE: 2000-09-11

NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.7%; Score 40.4; DB 4; Length 1838;
68.3%; Pred. No. 0.072;
ive 0; Mismatches 26; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.7%; Score 40.4; DB 4; Length 8133; 61.3%; Pred. No. 0.17;
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hes 26; Indels
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               EARLIER FILING DATE: 1997-08-18
EARLIER FILING DATE: 1997-08-18
EARLIER FILING DATE: 1997-08-18
EARLIER APPLICATION NUMBER: 60/055,684
EARLIER APPLICATION NUMBER: 60/055,984
EARLIER APPLICATION NUMBER: 60/055,984
EARLIER FILING DATE: 1997-08-18
EARLIER FILING DATE: 1997-09-12
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                                                                                                                                                                                                                                                                                                                                                                                                                     ; LOCATION: (1076)
; OTHER INFORMATION: n equals a,t,g, or c
EARLIER APPLICATION NUMBER: 60/056,360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1419 GGCTAGTCTCAAACTTGCGGTC 1440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             68.38;
                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity 68.3%
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US-09-659-791A-10
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                                                                                                                                                                                                                                                                                                                                       1838
                                                                                                                                                                                                                                                                                                               SEQ ID NO 32
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Matches 6
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RESULT 13

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Process for Isolating Genes and the Gene
Causative of Huntington's Disease and Differential 3'
Polyadenylation in the Gene
                                             GENERAL INFORMATION:
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 09404/052001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1438 GTGCATTTGTCTCACTCAGAATGCTGGGCTTCCAGGTGTGCGCCACCACT 1491
                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.7%; Score 40.4; DB 3; Length 176373; 59.6%; Pred. No. 1.1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0.3 CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/126 5827
                                                                                                                                CURRENT APPLICATION NUMBER: US/09/128,155
CURRENT FILING DATE: 1998-08-08
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER PILING DATE: 1998-07-02
EARLIER FILING DATE: 1998-07-02
EARLIER FILING DATE: 1997-08-04
NUMBER OF SEQ ID NOS: 18
NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         59.6%; Pred No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Bell Seltzer Park & Gibson
STREET: 1211 E. Morehead Street
                  Sequence 17, Application US/09128155
Patent No. 6117654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MBER: US/08/126,587C
24-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                      ', LUCATION: (1)...(176373)
') OTHER INFORMATION: n = A,T,C or G
US-09-128-155-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: LAYLON Jr., Samuel G.
REGIETRATION NUMBER: 22,807
REFERENCE/DOCKET NUMBER: 3477-84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5, Application US/08126587C
Patent No. 5534438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hayden, Michael
APPLICANT: Goldberg, Paul
APPLICANT: Andrew, Susan
APPLICANT: Lin, Biaoyang
TITLE OF INVENTION: Process for I
TITLE OF INVENTION: Polyadenylati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Charlotte
No. 5534438th Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        68; Conservative
                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
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MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                SOFTWARE: FASTSEY, SEQ ID NO 17
US-09-128-155-17/c
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                                                                                                                                                                                                                                                                                                                    DNA
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                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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Sequence 1, Application US/08087772A

Patent No. 5691155

GENERAL INFORMATION:
APPLICANT: Bmorine, Jean L. APPLICANT: Stroaberg, Donny A. APPLICANT: Stroaberg, Donny A. TITLE OF INVENTION: Nucleotide Sequences Encoding the Murine TITLE OF INVENTION: Beta3-Adrenergic Receptor and Their Applications TITLE OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                        0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                           1.7%; Score 40.2; DB 1; Length 380; 60.6%; Pred. No. 0.032; attive 0; Mismatches 43; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/087,772A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Bell, Seltzer, Park & Gibson
Post Office Drawer 34009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIble
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Linker, Raymond O.
REGISTRATION NUMBER: 26/419
REFERENCE/POCKET NUMBER: 3339-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFRAX: 919-881-3175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Charlotte
No. 5691155th Carolina
X: USA
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1920 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-37-1561
TELEPEX: 704-334-2014
INFORMATION FOR SEQ ID.NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 380 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                          CHROMOSOME/SEGMENT: 4p16.3
                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                            0.00 Match
Best Local Similarity 60.6°
Matches 66; Conservative
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                                                                                                                                                                             HYPOTHETICAL: NAMI-SENSE: NO
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STREET: POS
CITY: Char
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US-08-087-772A-1/C
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GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

June 16, 2003, 13:47:07; Search time 318.472 Seconds Run on:

(without alignments) 10680.673 Million cell updates/sec

US-09-445-201-1_COPY_8260_10608 Perfect score: Title:

1 tgaataagatggaggttgcc.....agggctttcctattggatcc 2349 Sequence:

Scoring table:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Total number of hits satisfying chosen parameters: 1029858 seqs, 724030393 residues Searched:

2059716

length: 0 length: 2000000000 Minimum DB seq Maximum DB seq

Post-processing: Minimum Match 0%

Maximum Match 100% Listing first 45 summaries

| Cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO8_NEW_PUB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:* Published_Applications_NA:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 9601, Ap Sequence 752, App Sequence 752, App Sequence 3130, Ap Sequence 2130, Ap Sequence 100, App Sequence 598, App Sequence 598, App Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 75, Appl Sequence 1508, Ap Sequence 3, Appli Sequence 35, Appl Sequence 3, Appli Sequence 3, Appli Description 10 US-09-770-689A-3 10 US-09-822-246-3 10 US-09-822-246-3 10 US-09-764-891-9601 9 US-09-764-891-9601 10 US-09-764-860-752 10 US-09-764-860-752 10 US-09-764-869-2130 10 US-09-764-869-89 US-09-738-968-35 US-09-933-797-75 US-09-764-868-1508 US-09-946-807-1 US-10-020-141-1 SUMMARIES Query Match Length DB 174566 1503841 1503841 1503841 13409 5409 5409 368004 32193 98865 9968 20210 20210 10739 10739 197997 Score 45.6 44.8 44.8 44.8 46.6 Result ş.

US-09-795-668-1 US-09-795-686-1

Sequence 5997, Ap Sequence 12, Appl Sequence 3, Appli Sequence 276, App	1391, 16, A 2238	Sequence 8205, Ap Sequence 8206, Ap Sequence 1425, Ap Sequence 3, Applij	, 000, 10, 00, 1	Sequence 3, Appli Sequence 3, Appli Sequence 2086, Ap Sequence 1475, Ap Sequence 1475, Ap Sequence 1475, Ap	Sequence 1080, Ap Sequence 908, Appli Sequence 1, Appli Sequence 24, Appl Sequence 24, Appl Sequence 31628, A
US-09-764-891-5997 US-10-011-445-12 0 US-09-748-107-3 US-09-860-670-276	US-09-764-868-1391 US-10-095-407-16 US-09-880-107-2238		US-10-288-478-5 US-10-288-478-5 US-09-765-344-5		US-10-006-043-1080 US-10-020-141-9 US-09-764-872-908 US-09-973-928-1 US-10-152-724A-24 US-09-918-995-31628
168 9 818 9 10708 1 8205 9	11316 9 152331 9 2482 1 2854 9	3271 9 12712 9 30350 9	31766 9 31766 9 31766 1	186957 9 8966 1 15275 9 15275 1 1691139 582	78025 1101 14507 36303 448
0.11	 	1.8	4 1 1 1 1 8 8 8 8		
44 44 44 66	43.2 43.2 42.8	42.8 42.8 42.8	4 4 4 4 4 4 2 2 . 8 8 8 8 8 . 8 . 8 . 8	444444 10000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
20 22 23 23 23	C 25 C 26 C 27	0 0 7 8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 33 33 34	,.,.,.,.	C 42 C 443 C 444 C 444

ALIGNMENTS

SULT 1 -09-738-968-35 Sequence 35, Application US/09738968 Patent No. US20010037016A1 GENERAL INFORMATION: GENERAL INFORMATION: APPLICANT: Contag, Pamela R. APPLICANT: Durchio, Anthony APPLICANT: Purchio, Anthony TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR SCREENING FOR ANGIOGENESIS. TITLE OF INVENTION: MODILATING COMPOUNDS TITLE OF INVENTION: MODILATING COMPOUNDS CURRENT APPLICATION NUMBER: US/09/738,968 PRIOR PAPLICATION NUMBER: 09/465,978 PRIOR PAPLICATION NUMBER: 09/465,978 NUMBER OF SEQ ID NOS: 45 SOFTWARE: PALEGATION VERY SECOND NOS: 45 LENGTH: 511 TYPE: DNA ORGANISM: MUS SP.	Ouery Match Best Local Similarity 100.0%; Pred. No. 8.6e.132; Matches 511; Conservative 0: Mismatches 0; Indels 0; Gaps 0;	8 AAATGTGCTGTCTTTAGAAGCCACTGCCTCAGCTTCTGCAGCTCAGATACCAAAGGAAGT 1897 	3 CTGGTACACACATGATAAAAGACAATGGGACGGGGTCACAGTGGCTCCCGTCCCTTTCA 1957 	3 GGGGTATGGAGACGAGCTGTAGAGATGTCTCCAGGGAGTTTTCATTAATCAGCAATT 2017 	3 AGTCAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATCAGAT 2077
1738-96 2738-96 2738-96 2738-96 21CANJ 21CAN	Query Match Best Local Sin Matches 511;	1838	1898	1958	2018
RESULT US-09-" S 6909-" Paten G 6808 APPI TITI TITI FILL CURE PRIC PRIC NUME S SOFT SEQ 1 LEN TYEN NUME S SOFT	Or Be Ma	Qy	Qy	Qy	Qy Db

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1453 TCATCAGAATGCTGGGCTTCCAGGTGTGTGCACCACACTAGGTAGCTCGCGTTTTAAGCT 1512
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                                                                                                                                                                                                                                              2138 AGGAAAACAGGAACTCCACCCTGGTGCCGTGAATTGCAGAGCTGTTGTGTTGTTGTGA 2197
                                                                                                                                                              2198 CCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGACTGGGGCAA 2257
2078 GGAGGTICAICGGGTITCAAIGICCCGIAICCIITIGIAAGACCIIGAAGIIGGCAACGC 2137
                                                                                                   241 GGAGGTTCATCGGGTTTCAATGTCCCGTATCCTTTGTAAGACCTTGAAGTTGGCAACGC 300
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APPLICANT: Robert A. Sikes et al.

APPLICANT: Robert A. Sikes et al.

TITLE OF INVENTION: Isolation and Use of Fetal Urogenital

TITLE OF INVENTION: Sinus Expressed Sequences

FILE REFERENCE: 9901-007-999

CURRENT APPLICATION NUMBER: US/09/933,797

CURRENT FILING DATE: 2000-01-08-22

PRIOR APPLICATION NUMBER: US/09/482,933

PRIOR APPLICATION NUMBER: PCT/US99/10746

PRIOR PLING DATE: 1999-05/14

PRIOR PLING DATE: 1999-05/14

PRIOR PLING DATE: 1999-05/14

SPRIOR FILING DATE: 1999-05/14

SPRIOR FILING DATE: 1999-05/14

SPRIOR FILING DATE: 1999-05/14

SUMBER OF SEQ ID NOS: 811

SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                55; Indels
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                                                                                                                                                                                                                                                                                                                                      2318 ATTGTTTATGGAAGGGCTTTCCTATTGGATC 2348
                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1513 AAGAGCTGGAAGATCCTGATGT 1534
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                144 GGGAAACAGGAGTGCCCCATCT 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; NAME/KEY: misc_feature
; JCCATION: (1)...(389)
OTHER INFORMATION: n = A,T,C or G
US-09-933-797-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 75, Application US/09933797 Patent No. US20020155119A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Murine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-933-797-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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58014 TAAAGAGACAAAGTCTCACTCTGTTGCCCAGGCTAGAACTAGAACTCTCATTCTGTTTTT 58073
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ·.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: YAN, Chunhua et al.
TITLE OF INVENTION: ISOLATED HUMAN RAS-LIKE PROTEINS,
TITLE OF INVENTION: NUCLEIC AND USES THEREOF
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CL001079
CURRENT APPLICATION NUMBER: US/09/770,689A
CURRENT APPLICATION DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 61.3%; Score 47.2; DB 9; Length 32193;
Best Local Similarity 61.3%; Pred. No. 0.2;
Matches 76; Conservative 0; Mismatches 48; Indels 0;
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PT332
CURRENT APPLICATION NUMBER: US/09/764,868
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 1510
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 1508
                                                                                                                                                                                                                                                                                                                                                                                                      ; LOCATION: (31313)
; OTHER INFORMATION: n equals a,t,g, or C
US-09-764-868-1508
                                                                                                                                                                                                                                                                                                                                                      LOCATION: (4976)
OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                                                                                          LOCATION: (4975)
OTHER INFORMATION: n equals a,t,9, or
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                                                                                                                                                                                                                             ORGANISM: Homo sapiens
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Matches 76; Conserv
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                                                                                                                                                                                      LENGTH: 32193
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                                                                                                                                                                                                           TYPE: DNA
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GENERAL INFORMATION:
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                                                                                                                                                Sequence 3, Application US/0982246
Patent NO. US20020142383A1
GENERAL INFORMATION:
APPLICANT: MERKULOV, Gennady et al.
APPLICANT: MERKULOV, Gennady et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE OF INVENTION: AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/822,246
CURRENT FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FASELSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: DIAC UNIVERSITY
APPLICANT: LIAN, Haifen
TITLE OF INVENTION: PURIFIED AND ISOLATED piwi FAMILY GENES AND GENE
TITLE OF INVENTION: PRODUCTS AND THERAPEUTIC AND SCREENING METHODS USING SAME
TILE REPRENCE: Attorney Docket No. US20020076797A1 180-104/2
CURRENT APPLICATION NUMBER: US/09/873,737A
CURRENT FILING DATE: 1999-12-03
PRIOR PAPLICATION NUMBER: OFTUS99/28764
PRIOR FILING DATE: 1999-12-03
PRIOR FILING DATE: 1998-12-04
PRIOR FILING DATE: 1998-12-04
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2.0%; Score 46.6; DB 10; Length 197997;
Best Local Similarity 71.8%; Pred. No. 1;
Matches 61; Conservative 0; Mismatches 24; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION: (1)...(197997)
; OTHER INFORMATION: n = A,T,C or G
US-09-822-246-3
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SOFTWARE: Patentin Ver. 2.1
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1449 TCAC 1452
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ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                                      Score 46; DB 10; Length 40
Pred. No. 0.11;
0; Mismatches 40; Indels
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Pred. No. 0.32;
NAME/KEY: misc_feature

LOCATION: (1337)

NAME/KEY: misc_feature

LOCATION: (2635)

LOCATION: (2635)

US-09-873-737A-3
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CURRENT FILING DATE: 2001-01-17
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63.6%;
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Best Local Similarity 63.6%
Matches 70; Conservative
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Matches 77; Conservative
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ORGANISM: Homo sapiens
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PRIOR APPLICATION NUMBER: 60/225,758
PRIOR APPLICATION NUMBER: 60/220,933
PRIOR APPLICATION NUMBER: 60/220,933
PRIOR APPLICATION NUMBER: 60/217,466
PRIOR APPLICATION NUMBER: 60/218,290
PRIOR PILING DATE: 2000-06-14
PRIOR PAPLICATION NUMBER: 60/225,447
PRIOR PILING DATE: 2000-06-14
PRIOR PAPLICATION NUMBER: 60/225,757
PRIOR PILING DATE: 2000-06-14
PRIOR PAPLICATION NUMBER: 60/225,267
PRIOR PAPLICATION NUMBER: 60/225,267
PRIOR PAPLICATION NUMBER: 60/225,267
PRIOR PAPLICATION NUMBER: 60/225,267
PRIOR PAPLICATION NUMBER: 60/225,209
PRIOR PAPLICATION NUMBER: 60/225,304
PRIOR PAPLICATION NUMBER: 60/225,304
PRIOR PAPLICATION NUMBER: 60/220,944
PRIOR PAPLICATION NUMBER: 60/220,943
PRIOR PAPLICATION NUMBER: 60/220
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R FILING DATE: 2000-10-13
R APPLICATION NUMBER: 60/239,937
R FILING DATE: 2000-10-13
R APPLICATION NUMBER: 60/241,787
R FILING DATE: 2000-10-20
R FILING DATE: 2000-10-20
R FILING DATE: 2000-11-08 APPLICATION NUMBER: 60/237,040

APPLICATION NUMBER: 60/237,040

TITHE DATE: 2000-10-02

CALTANA DATE: CALTANO,960 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,214 FILING DATE: 2000-11-17 FILING DATE: 2000-10-20 APPLICATION NUMBER: 60/239,935 FILING DATE: 2000-10-13 FILING DATE: 2000-11-08
APPLICATION UNDBER: 60/249,216
APPLICATION UNDBER: 2000-11-17
APPLICATION NUMBER: 60/249,210 APPLICATION NUMBER: 60/225,266 FILING DATE: 2000-08-14 APPLICATION NUMBER: 60/249,218 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,213 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,244 FILING DATE: 2000-11-17 FILING DATE: 2000-09-29
APPLICATION NUMBER: 60/237,039
FILING DATE: 2000-10-02
APPLICATION NUMBER: 60/237,038 60/235,836 60/230,438 APPLICATION NUMBER: 60/215,135 APPLICATION NUMBER: 60/249,208 APPLICATION NUMBER: 60/249,212 APPLICATION NUMBER: 60/249,245 APPLICATION NUMBER: 60/249,217 APPLICATION NUMBER: 60/249,211 60/249,264 APPLICATION NUMBER: 60/236,367 FILLING DATE: 2000-10-02 APPLICATION NUMBER: 60/237,037 APPLICATION NUMBER: 60/246,532 FILLING DATE: 2000-11-17 APPLICATION NUMBER: 60/226,681 APPLICATION NUMBER: 60/225,759 60/225,213 APPLICATION NUMBER: 60/227,182 APPLICATION NUMBER: 60/225,214 APPLICATION NUMBER: 60/249,207 FILING DATE: 2000-08-14 APPLICATION NUMBER: 60/ FILING DATE: 2000-08-22 FILING DATE: 2000-09-06 FILING DATE: 2000-06-30 2000-08-22 FILING DATE: 2000-08-14 2000-11-17 2000-11-17 FILING DATE: 2000-11-17 2000-11-17 FILING DATE: 2000-09-05 2000-09-27 2000-08-14 2000-11-1 2000-11-1 APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: PRIOR PRIOR
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GENERAL INFORMATION:
APPLICART: YAN, Chunhua et al.
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CLOOMBIT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1353 TGGATGCCTGCCTGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGT 1412
                                                      1365 IGCTATTAATTAGTTATTCTTCTTCTGAGACAGAGTCTCACTGTGTGGCCCAGGCTAG 1424
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1.9%; Score 44.4; DB 9; Length 10739;
Best Local Similarity 73.1%; Pred. No. 0.59;
Matches 57; Conservative 0; Mismatches 21; Indels 0;
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NUMBER OF SEQ ID NOS: 242
Prior Application removed - See File Wrapper or Palm SEQ ID NO 2134
                                                                                                                           1413 GGCCCAGGCTAGTCTCAAACTTGCGGTC 1440
                                                                                                                                                      4000 TGCCCAGGCTAGTCTCAAACTCTTGGTC 3973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/949,654 COURRENT FILLING DATE: 2001-09-12 PRIOR APPLICATION NUMBER: 60/231,572 PRIOR FILING DATE: 2000-09-11
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CURRENT APPLICATION NUMBER: US/10/091,504
CURRENT FILING DATE: 2002-03-07
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; LOCATION: (1)...(368004)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-654-3
                                                                                                                                                                                                                                                                                                             Sequence 3, Application US/09949654 Patent No. US20020127644A1
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Best Local Similarity 62.58
Matches 70; Conservative
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ORGANISM: Homo sapiens
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US-09-949-654-3
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REPERENCE: PC008
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 1198
SOFTWARR: Patentin Ver. 2.0
EDNOTH: 5409
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1.9%; Score 44.8; DB 9;
Best Local Similarity 69.3%; Pred. No. 0.29;
Matches 61; Conservative 0; Mismatches 27;
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DR APPLICATION NUMBER: 60/249, 297
DR FILING DATE: 2000-11-17
DR APPLICATION NUMBER: 60/232, 400
DR APPLICATION NUMBER: 60/231, 242
DR FILING DATE: 2000-09-08
B APPLICATION NUMBER: 60/232, 081
DR FILING DATE: 2000-09-08
DR APPLICATION NUMBER: 60/232, 081
DR APPLICATION NUMBER: 60/232, 080
DR FILING DATE: 2000-09-08
DR FILING DATE: 2000-09-08
DR PELING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/249,297
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/232,400
PRIOR FILING DATE: 2000-09-14
PRIOR PILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/232,081
PRIOR PILING DATE: 2000-09-08
PRIOR PILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/233,064
PRIOR PILING DATE: 2000-09-08
PRIOR PILING DATE: 2000-09-14
PRIOR FILING DATE: 2000-09-14
PRIOR PILING DATE: 2000-09-14
PRIOR PILING DATE: 2000-09-14
PRIOR PELING DATE: 2000-09-14
PRIOR PILING DATE: 2000-10-20
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Patent No. US20020094953A1
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Best Local Similarity 69.39
Matches 61; Conservative
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US-09-764-860-752
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6369 CCAGCTAATTTTTTTTTTATTATTATTATAGACACAGGGTCTCACTATGTTGCCCCAGGCT 6428
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Publication No. US20030054377A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
                                                                                                                                                                                     Sequence 2130, Application US/09764869
Patent No. US20020061521A1
GENERAL INFORMATION:
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PCOOT
CURRENT APPLICATION NUMBER: US/09/764,869
CURRENT FILING DATE: 2001-01-17
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CURRENT APPLICATION NUMBER: US/10/102,627
CURRENT FILING DATE: 2002-03-22
NUMBER OF SEO ID NOS: 110
Prior Application removed - See File Wrapper or Palm SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 100
LENGTH: 99568
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Matches 57; Conservative
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LENGTH: 10739
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US-10-125-540-598
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                                                                                                                                                                                                                                                                                                                                                                                  DB 9; Length 20210;
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7 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PT14
CURRENT APPLICATION NUMBER: US/09/764,870
CORRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ 1D NOS: 646
SOFTWARE: Patentin Ver. 2.0
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                                                                  APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PT214C1
CURRENT APPLICATION NUMBER: US/10/125,540
CURRENT APPLICATION NUMBER: US/20-04-19
PRIOR APPLICATION removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 646
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 598
LENGTH: 20210
                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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                                                                                                                                                                                                                                                                                                                                                                                  Score 44.2;
Pred. No. 1;
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Sequence 598, Application US/10125540 Publication No. US20030059875A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 598, Application US/09764870 Patent No. US20020042386Al
                                                                                                                                                                                                                                                                                                                                                                                    1.9%;
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Best Local Similarity 60.39
Matches 73; Conservative
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                                                                                                                                                                                                                                                                                               ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-125-540-598
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June 16, 2003, 13:37:06; Search time 27.2544 Seconds (without alignments) 5794.976 Million cell updates/sec
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3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
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Copyright (c) 1993 - 2003 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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SUMMARIES	US-08-976-259-41	B-98	-09-328-	-09-443-184-3	US-09-128-155-16	5248670-4	US-09-516-352A-3	9		-032	US-09-392-184-7	US-09-641-638-620	US-09-641-638-621	US-09-052-089A-8	255-2	US-08-459-967-27	US-08-460-327-27	US-08-459-871-27	9-869	8	US-09-130-242-7	-227-	US-09-130-242-1	-387-	-883-5	-09-204-7	US-08-387-942C-1
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Query Match 5.9%; Score 30.6; DB 4; Length 314; Best Local Similarity 52.8%; Pred. No. 0.97; Matches 66; Conservative 0; Mismatches 59; Indels (

28 27 8 5.4 376 3 US-08-985-950-3 29 27 8 5.4 49046 4 US-09-161-340A-1 31 27 8 5.4 49046 4 US-09-101-340A-1 32 27 8 5.4 49046 4 US-09-101-340A-1 32 27 8 5.4 49056 4 US-09-101-340A-1 33 27 6 5.4 50000 4 US-09-101-340A-1 35 27 7 8 5.4 401529 4 US-09-101-340A-1 36 27 7 8 5.4 401529 4 US-09-101-340A-1 37 8 5.7 4 5.3 463 4 US-09-101-340A-1 38 27 7 8 5.3 463 4 US-09-101-258 37 7 7 8 5.3 463 4 US-09-556-877-55 37 7 7 8 5.3 463 4 US-09-556-877-55 38 27 7 8 5.3 463 4 US-09-556-877-55 39 27 7 8 5.3 463 4 US-09-556-877-55 30 27 7 8 5.3 463 4 US-09-556-877-55 30 27 7 8 5.3 601 4 US-09-556-877-55 31 60 7 US-09-556-877-55 32 7 7 8 5.3 601 4 US-09-556-877-55 32 7 8 5.3 601 4 US-09-56-877-55 38 27 8 5.3 601 4 US-09-556-877-55 39 27 8 5.3 601 4 US-09-56-877-55 30 40 27 8 5.3 601 4 US-09-56-877-55 30 40 27 8 5.3 601 4 US-09-56-877-55 30 50 7 4 5.3 601 4 US-09-56-877-55 30 7 8 5.3 601 4 US-09-56-877-55 30 8 5.3 601	Sequence 3, Appli Sequence 159, Appl Sequence 2, Appli Sequence 107, Appl Sequence 3, Appli Sequence 5, Appli Sequence 55, Appli Sequence 55, Appli Sequence 55, Appli Sequence 22, Appli Sequence 23, Appli Sequence 24, Appli Sequence 25, Appli Sequence 25, Appli Sequence 25, Appli	erichia coli .L. L.C. ge 61,953	
28 27.8 5.4 9048 30 27.8 5.4 440376 31 27.8 5.4 441379 32 27.6 5.4 42327 33 27.6 5.4 2327 34 27.6 5.4 90050 34 27.6 5.4 90050 35 27.4 5.3 349 37 27.4 5.3 463 39 27.4 5.3 601 41 27.4 5.3 601 41 27.4 5.3 601 42 27.4 5.3 601 43 27.4 5.3 601 44 2.7.4 5.3 601 42 27.4 5.3 601 43 27.4 5.3 601 44 2.7.4 5.3 601 45 27.4 5.3 601 47 27.4 5.3 601 48 27.4 5.3 601 49 27.4 5.3 601 41 27.4 5.3 601 42 27.4 5.3 601 43 27.4 5.3 601 44 2.7.4 5.3 601 45 27.4 5.3 601 47 2.7.4 5.3 601 48 27.4 5.3 601 49 27.4 5.3 601 41 27.4 5.3 601 41 27.4 5.3 601 42 27.4 5.3 601 43 27.4 5.3 601 44 5.3 601 45 27.4 5.3 601 47 1100 48 27.4 5.3 601 48 27.4 5.3 601 49 27.4 5.3 601 40 27.4 5.3 601 41 27.4 5.3 601 42 27.4 5.3 601 43 27.4 5.3 601 44 5.3 601 45 27.4 5.3 601 47 1100 48 27.4 5.3 601 48 27.4 5.3 601 49 27.4 5.3 601 49 27.4 5.3 601 49 27.4 5.3 601 40 27.4 5.3 601 41 1.00 42 27.4 5.3 601 43 27.4 5.3 601 44 5.3 601 45 27.4 5.3 601 47	SU S	976259 J. cide Sequence of er, Goldstein & F e, N.W., Suite 60 So inch, 1.4Mb s 33 version 6.2 8/976,259 0/031,626 AND US 688 1488.0740002/EKS 0):	
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Patent No. 6117654
GENERAL INFORMATION:
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5.7%; Score 29.6; DB 4; Length 4850; 61.8%; Pred. No. 9.7;
tive 0; Mismatches 29; Indels 0.
                                                                                                                                                                                                                                                                                   Query Match 5.7%; Score 29.6; DB 4; Length 568: Best Local Similarity 61.8%; Pred. No. 2.9; Matches 47; Conservative 0; Mismatches 29; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sealhammer, Scott
APPLICANT: Sellhammer, Jeffrey J.
APPLICANT: Yeu, Henry
APPLICANT: Yeu, Henry
APPLICANT: Yalaa
APPLICANT: Azimzai, Yalda
APPLICANT: Azimzai, Yalda
APPLICANT: Hall, Preeti
TITLE OF INVENTION: MAMMALIAN TOXICOLOGICAL RESPONSE MARKERS
FILE REFERENCE: PC-0007 US
CURRENT APPLICATION NUMBER: US/09/443,184A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEO ID NOS: 138
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US-09-443-184-34
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 34, Application US/09443184A Patent No. 6372431
                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (1)...(568)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Cunningham, Mary Jane
APPLICANT: Zweiger, Gary
APPLICANT: Kaser, Matthew R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   329 GCCGTGAATTGCAGAG 344
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Best Local Similarity 61.8%
                                                                                                  ORGANISM: Homo sapiens
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SEQ ID NO 34
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                                                 LENGTH: 568
                        SEQ ID NO 751
                                                                              TYPE: DNA
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APPLICANT: Strabala, Timothy
APPLICANT: Nieuwenhuizen, Niels
APPLICANT: Nieuwenhuizen, Niels
APPLICANT: Nieuwenhuizen, Niels
TITLE OF INVENTION: Compositions Isolated from Plant Cells
TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signalling
FILE REFERENCE: 11000/1020
CURRENT APPLICATION NUMBER: US/09/228,986
CURRENT FILING DATE: 1999-01-12
NUMBER OF SEQ ID NOS: 130
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                   423 AAGTCAATCCCACCTTTATACAATGAATTGCTGAAGAGGCCTTTTAAAACTTGGAGTGTG 482
                                                                                                    144 CAGTGATTCAAACCCTCCTATTATAGCTCGTTTTAGAGACTATCTGGAAGATGGTGAGTG 203
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GENERAL INCORRAILON:
GENERAL INCORRAILON:
APPLICANT: Steinmann, Kathleen E.
APPLICANT: Steinmann, Kathleen E.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.
APPLICANT: Carroll III, Eddie
APPLICANT: Carroll III, Eddie
APPLICANT: Carroll III, Eddie
APPLICANT: Carroll Adnan
APPLICANT: Carroll Adnan
APPLICANT: Derti, Adnan
APPLICANT: Monahan, John E.
APPLICANT: Monahan, John E.
APPLICANT: Monahan, John E.
APPLICANT: Monahan, John E.
APPLICANT: MONEL COP. 257 (US)
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: PRODUCTS
TITLE OF INVENTION: NOVEL HUMAN
TITLE OF INVENTION NUMBER: US/09/328,111
CURRENT APPLICATION NUMBER: US 60/088,801
EARLIER FILING DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 850
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Patent No. 6262333
                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/09228986
Patent No. 6359198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     340 CAGAGCTGTTGTTTTTGTGACCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGT 399
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APPLICANT: Whitfield, Graham K
TITLE OF INVENTION: ISOLATION OF A GENE ENCODING HUMAN THYROTROPIN BETA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5.7%; Score 29.6; DB 3; Length 152331;
51.5%; Pred. No. 65;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouery Match 5.7%; Score 29.2; DB 6; Length 3688; Best Local Similarity 57.8%; Pred. No. 11; Matches 52; Conservative 0; Mismatches 38; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches 64; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : APPLICANT: DRAPER, KENNETH G.; ECKER, DAVID J.; MIRABELLI, ; CHRISTOPHER K.; CROOKE, STANLEY T. TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1455 ATGCGTTGGGGGGGGCGGGGGAAGGTCCA 1426
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                 FILE REFERENCE: 09404/052001
CURRENT APPLICATION NUMBER: US/09/128,155
CURRENT FILING DATE: 1998-08-03
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER APPLICATION NUMBER: US 60/054,646
EARLIER FILING DATE: 1997-08-04
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICATION NUMBER: US/07/485,297
FILING DATE: 26-FEB-1990
TITLE OF INVENTION: AND USES THEREOF
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                                                                                                                                                                                                                                                                                                                                                        | NAME/KEY: misc_feature
| LOCATION: (1)...(152331)
| OTHER INFORMATION: n = A,T,C or G
US-09-128-155-16
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68; Conservative
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25715 TTAGAAGATTTT 25704
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NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
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                                                                                                                                                                                                                                     SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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Pred. No. 4.4;
0; Mismatches 75; Indels
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APPLICANT: Budziszewski, Gregory J.
APPLICANT: Potter, Sharon L.
APPLICANT: Wegrich, Lynette M.
TITLE OF INVENTION: Herbicide Target Genes and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5.6%; Score 29; DB 4;
53.0%; Pred. No. 16;
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CURRENT APPLICATION NUMBER: US/09/480,921B
CURRENT FILING DATE: 2000-01-11
NUMBER OF SED ID NOS: 29
SOFTWARE: Patentin Ver. 2.1
                   FILE REFERENCE: 25605-28
CURRENT APPLICATION NUMBER: US/09/516,352A
CURRENT FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: 08/957,545
PRIOR FILING DATE: 1997-024
PRIOR FILING DATE: 1993-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-480-921B-24/c
; Sequence 24, Application US/09480921B
; Patent No. 6387637
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US-09-480-921B-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 5.6%;
Best Local Similarity 49.7%;
Matches 74; Conservative (
  SUBUNIT
                                                                                                                                                                                                               SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                               ; LOCATION: (164)..(418)
US-09-516-352A-3
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Best Local Similarity
Matches 62; Conserv
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                        ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: CDS
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                                                                                                                                                                                                                                                           LENGTH: 511
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APPLICANT: Bougueleret, Lydie
APPLICANT: Chumakov, 11ya
APPLICANT: Cohen, Annick
TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
TITLE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
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                                                                                                                                                                                                                                                                                                          71 GTGTGCAGGGGTCTTAGAGAAAATATGCCTCAAACGGAATGGCTTAAGCCTGTTCCTGGG 130
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LOCATION: (1)...(3126)
OTHER INFORMATION: reprolysin (ADAM family of metalloprotease)
                                                                                                                    DB 3; Length 2088;
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                                                                                                                                                         67; Indels
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APPLICANT: Robison, Keith E.
ATTLE OF INVENTION: PUCLEIC ACID MOLECULES ENCODING HUMAN
TITLE OF INVENTION: PROTEASE HOMOLOGS
FILE REFERENCE: 5800-55
CURRENT APPLICATION NUMBER: US/09/392,184
CURRENT APPLICATION NUMBER: US/09/392,184
CURRENT PLING DATE: 1999-09
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                Score 28.8; DB;
Pred. No. 11;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/09392184
Patent No. 6395889
                                                                                                                                                                                                                                                                                                                                                                        187 CAGATCTGTGCATCCT 202
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                                                                                                           Query Match
Best Local Similarity 50.79
Matches 69; Conservative
             double
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                                                MOLECULE TYPE: CDNA
                                   linear
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          STRANDEDNESS:
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                                                                      US-09-032-365A-64
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US-09-392-184-7
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                                                               APPLICANT: Lasham, Annette
TITLE OF INVENTION: Compositions affecting programmed cell
TITLE OF INVENTION: death and their use in the modification of forestry plant develc
FILE REFERENCE: 1022
CURRENT APPLICATION NUMBER: US/09/325,932A
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 206
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                           37; Indels
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APPLICANT: Nishina, Patsy
APPLICANT: Naggart, Juergen
APPLICANT: No. 6114502en-Trauth, Konrad
APPLICANT: No. 6114502en-Trauth, Konrad
TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
TITLE OF INVENTION: NEUROSENSORY DEFECTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SYSTEM: DOS
FastSEQ for Windows Version 2.0
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Pred. No. 6.2;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/032,365A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 64, Application US/09032365A Patent No. 6114502 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650 327-3400
TELEFAX: 650 327-3231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 2088 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                               Query Match 5.6%;
Best Local Similarity 58.0%;
Matches 51; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
Patent No. 6451604
GENERAL INFORMATION:
APPLICANT: Flinn, Barry
                                                                                                                                                                                                                                                                                                  ; ORGANISM: Pinus radiata US-09-325-932A-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
SOFTWARE: FastSEC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          94301
                                                                                                                                                                                            NUMBER SOFTWARE: Fast SEQ ID NO 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-032-365A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET:
                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        qq
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RESULT 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bulmenfeld, Marta
APPLICANT: Bulmenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chem.
APPLICANT: Cole.
APPLICANT: Cole.
APPLICANT: Cole.
APPLICANT: Cole.
APPLICANT: Chem.
APPLIC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 435 CCTTTATACAATGAATTGCTGAAGAGGCCTTTTAAAACTTGGAGTGTGCATTGTTTAT 492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_binding
LOCATION: 481.500
OTHER INPORMATION: 10-342-301.misl, potential
NAME/KEY: primer_bind
LOCATION: 201.220
OTHER INFORMATION: upstream amplification primer
LOCATION: 506.623
COTHER INFORMATION: downstream amplification primer
UCATION: 606.623
OTHER INFORMATION: downstream amplification primer
US-09-641-638-620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 5.5%; Score 28.4; DB 4; Length 1001; Best Local Similarity 52.5%; Pred. No. 10; Matches 62; Conservative 0; Mismatches 56; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: allele
LOCATION: 501
OTHER INFORMATION: 10-342-301 : insertion of
                                                                                                                                                        PRIOR PAPLICATION NUMBER: US 09/502,330
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: US 60/133,200
PRIOR APPLICATION NUMBER: US 90/275,267
PRIOR FILING DATE: 1999-03-37
PRIOR PILING DATE: 1999-03-23
PRIOR PPLICATION NUMBER: US 60/119,917
PRIOR PPLICATION NUMBER: US 60/119,917
PRIOR PPLICATION NUMBER: US 60/119,917
SOFTWARE: PALENT. 1999-02-12
NUMBER OF SEQ ID NOS: 1304
SOFTWARE: PALENT. PM
SEQ ID NO 620
LENGTH: 1001
FILE REFERENCE: GENSET.051CP1
CURRENT APPLICATION NUMBER: US/09/641,638
CURRENT FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 621, Application US/09641638 Patent No. 6432648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-641-638-621/C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 13
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375 ITCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTGGGACTGGGGCAAAGTCAATCCCA 434
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Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TWF RECEPTOR SUPERFAMENCE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .
0
                                                                                                                                                                                       NAME.KET: primer_bind
LOCATION: 129..148
LOCATION: 129..148
OOTHER INFORMATION: upstream amplification primer
LOCATION: 534..551
OTHER INFORMATION: downstream amplification primer, complement
                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 4; Length 1001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  56; Indels
                                                                                                                      NAME/KEY: misc_binding
LOCATION: 502.521
OTHER INFORMATION: 10-342-373.mis2, potential complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                             OTHER INFORMATION: 10-342-373 : polymorphic base C or T NAME/KEY: misc_binding
LOCATION: 481..500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_binding
CCATION: 489..513
CHER INFORMATION: 10-342-373 potential probe
US-09-641-638-621
                                                                                                    OTHER INFORMATION: 10-342-373.mis1, potential
                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 5.5%; Score 28.4; DE Best Local Similarity 52.5%; Pred. No. 10; Matches 62; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/052,089A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         % Sequence 8, Application US/09052089A; Patent No. 6346605; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1975 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 201-48/-58
TELEFAX: 201-343-1684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Hackensack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE:
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allele
                      LOCATION:
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                                                                                                                                                                                                                                                                                  481 CGTTCTGTAGGGACTCCACGGTAGCATTGCGTTCTTCCAGGGTGTCCCGTAGAGTGTCGA 422
                                                                                                                                                                                                                                                                                                                            334 GAATTGCAGAGCTGTTGTGTTTGTGACCATCTGCCCATTCTTCCTGTTATGACAGA 393
                                                                                                                                                                                                                                                                                                                                                                                                      394 GCTTGTGAACTTTAACTGGGACTGGGGCAAAGTCAATCCCACCTTTATACAATGAATTGC 453
                                                                                                                                                                                                                                                                                                                                                                                                                                 No. 56210890 No. 5621089disk of No. 5621089th America, Inc.
                                                                                                                                                                                                        Gaps
                                                                                                                                                                  Length 1975;
                                                                                                                                                                                                      0; Mismatches 106; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/434,255
                                                                                                                                                                DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
                                                                                                                                                              Score 28.4; I
Pred. No. 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-084.434-255-27/C

Sequence 27, Application US/08434255

Patent No. 5621089

GENERAL INFORMATION:
APPLICANT: Slome, Alan P.
APPLICANT: Outtrup, Helle
APPLICANT: Aaslyng, Dorrit

TILE OF INVENTION: ALAN Claus
APPLICANT: Aaslyng, Dorrit

TILE OF INVENTION: ALALINE PROTEASE

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:
                                     HYPOTHETICAL: NO
ORIGINAL SOURCE:
GIRGANISM: mouse
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATORNEY/AGENT INFORMATION:
NAME: AGITS Dr., Cheryl H.
REGISTRATION NUMBER: 34,086
REFREENCE/DOCKET NUMBER: 3764
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          454 TGAAGAGGCCTTTTAAAA 471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                              Ouery Match 5.5%;
Best Local Similarity 46.5%;
Matches 92; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 2017 base pairs
TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 10174-6401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                    US-09-052-089A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-434-255-27
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Score 28.4; DB 1; Length 2017; Pred. No. 15;

5.5%;

Query Match Best Local Similarity

Search completed: June 16, 2003, 14:00:02 Job time: 33.2544 secs

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(without alignments)
10680.673 Million cell updates/sec
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                                                                                                             June 16, 2003, 13:47:07; Search time 69.8225 Seconds
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515
1 tttaaatgtgctgtctttag......agggctttcctattggatcc
                                                                                                                                                                                                                                                                                                                                                                            2059716
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                     1029858 seqs, 724030393 residues
                                                                          - nucleic search, using sw model
                                                                                                                                                                                                                                                                         IDENTITY_NUC Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                                                               Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                            Title:
Perfect score:
                                                                                                                                                                                                                                                                           Scoring table:
                                                                          OM nucleic
                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                     Searched:
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1: /cgnz_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
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11: /cgnz_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
12: /cgnz_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
13: /cgnz_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
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13: /cgnz_6/ptodata/2/pubpna/USO0_NUBW_PUB.seq:*
14: /cgnz_6/ptodata/2/pubpna/USO0_NUBW_PUB.seq:* Published_Applications_NA:* ..

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

C 2 39.4 7.7 7.7 6.5 6.6 6.6 6.2 6.8 31.4 6.1 6.2 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	9.2 511	and making managers	ID	Description
	100	10	US-09-738-968-35	Sequence 35, App.
	1.1	6	US-09-938-842A-547	
	6.6 617	1	US-09-770-149-823	Sequence 823. App
	6.3 6405	δ	US-09-832-292-26	Sequence 26. Appl
	6.2 930	6	US-10-198-846-12548	Sequence 12548. A
	6.1 1484	6	US-09-764-868-429	Sequence 429. Ann
	6.1 249487	6	US-10-026-188-3	Sequence 3. Appli
		ĭ	US-09-864-761-305	Sequence 305, App
		6	US-09-918-995-28190	Sequence 28190. A
	6.0 772	10	US-09-864-761-17122	Sequence 17122. A
12 30 5 13 30 5 14 30 5 15 30 5 16 30 5		10	US-09-956-004-41	Sequence 41, Appl
13 30 5 14 30 5 15 30 5 16 30 5		10	US-09-905-129-1	Sequence 1. Appli
14 30 5 15 30 5 16 30 5		10	US-09-905-129-5	
15 30 5 16 30 5		10	US-09-905-129-7	Segmence 7. Appli
16 30 5		10	US-09-991-630-1	
77 30 5		10	US-09-991-630-5	, 15
2	5.8 8883	10	US-09-991-630-7	
18 29.8 5	5.8 2432	6	US-10-101-464A-7	. <
c 19 29.6 5	5.7 440	6	US-10-184-644-442	Sequence 442, App

Sequence 442, App Sequence 751, App Sequence 751, Appl Sequence 144, Appl Sequence 1210, Appl Sequence 184, App	SCREENING FOR ANGIOGENESIS	Score 511; DB 10; Length 511; Pred. No. 5.7e-168; 0; Mismatches 0; Gaps 0; GCCACTGCCTCAGCTTCGCAGCTCAGATACCAAAGGAAGT 63 GLIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
US-10-184-634-442 US-09-918-995-28009 US-09-918-995-751 US-10-095-407-16 US-10-208-408-44 US-09-738-626-1210 US-09-905-291A-184 US-09-907-812-184 US-09-907-81-184 US-09-907-81-184 US-09-907-81-184 US-09-907-9184 US-09-907-9184 US-09-907-9184 US-09-907-9184 US-09-907-9184 US-09-907-9184 US-09-907-9184 US-09-907-9184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184 US-09-908-184	ALIGNMENTS S8 MPOSITIONS FOR 7738,968	### 99.2%; Score 511; DB 10; Length 511; rity 100.0%; Pred. No. 5.7e-168; 0; Mismatches 0; Indels 0; Ga TGCTGTCTTTAGAAGCCACTGCCTCAGCTTCTGCACTGATACCAAAGGA TGCTGTCTTTAGAAGCCACTGCCTCAGCTTCTGCAGCTCCAAAGGA TGCTGTCTTTAGAAAAAAAGCCATGCCTCAGCTCTCAGCTCCTCCTTTAGAAAAAAAA
6 6 5.7 440 9 6 6 5.7 455 9 6 6 5.7 455 9 9 6 6 5.7 152331 9 9 5.6 1947 9 9 5.6 1947 9 9 9 5.6 1947 9 9 9 9 5.6 1947 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Application US/0 220010037016A1 WATION: Panela R. Oontag, Pamela R. Purchio, Anthony Zhang, Ning PRUTION: MCHHODS ENTION: MCHOOS ENTION: MCHOOS CE: 9400-0012.20 JCATION NUMBER: 099 ATION NUMBER: 0901-0 ATION NUMBER: 099 ATION NUMBER: 099 ATION NUMBER: 0901-0 ATION NUMBER: 0901-0 AT	99.2%; Conservative 100.0%; Conservative 111111111111111111111111111111111111
0 0 0000000000000000000000000000000000	RESULT 1 US-09-738-968 ; Sequence 35 ; Patent No. ; GENERAL INF ; APPLICANT: ; APPLICANT: ; TITLE OF I ; TITL	Ouery Match Best Local S: Matches 5111 Oy 4 1 Db 1 1 6 Oy 64 C Oy 124 C Oy 124 C Oy 124 C

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2017 AGTTATGGAAGAAGGAAGGAAAGAAAGAACCAAAGATGAAATTGTAGACATTGATGATGAATG 2076
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       72 AAGCTATTGGAGAAACATCTTCATGCAATGGCTCAATCCGTGGACGAGCAGCTTGTTGTA 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     263 ATGTCCCGTATCCTTTTGTAAGACCTTGAAGTTGGCAACGCAGGAAAACAGGAACTCCAC 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  132 GTTTCACAGGTTCTTGTTTCTGACATTAACATTGGTTATGAAGAGATTGTCAACACCCAG 191
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 26, Application US/09832292
Patent No. US20020177205A1
GENERAL INFORMATION:
APPLICANT: RYAZAROV, ALEXEY
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES THEREOF
FILE REFRENCE: 601-1-098CIP US/09/832,292
CURRENT FILING DATE: 2001-04-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
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49.7%; Pred. No. 6.1;
tive 0; Mismatches 83; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6.6%; Score 34; DB 10; Length 617;
52.1%; Pred. No. 0.34;
Live 0; Mismatches 70; Indels
                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Expressed Sequences of Arabidopsis TITLE OF INVENTION: thaliana FILE REFERENCE: 2024 (PARA-013PRV)
CURRENT APPLICATION NUMBER: US/09/770,149
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/178,506
PRIOR FILING DATE: 2000-01-27
NUMBER OF SEQ ID NOS: 999
                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NOS: 999 .
FastSEQ for Windows Version 4.0
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PRIOR APPLICATION NUMBER: 09/632,131
PRIOR FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin version 3.1
                                       Matthew, Abraham V.
Ledford, Brooke L.
Woessner, Jeffrey P.
Haas, William David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Arabidopsis thaliana
Rameaka, Joshua G.
                                                                                                                                    Garcia, Carlos A.
                                                                                                                                                    Kricker, Maja
Slader, Ted
Davis, Keith R.
Allen, Keith
Hoffman, Neil
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Best Local Similarity 49.7%
Matches 82; Conservative
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Matches 76; Conservative
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CORGANISM: Homo sapiens
US-09-832-292-26
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LENGTH: 6405
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                    APPLICANT:
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APPLICANT: Harper, Jeff
APPLICANT: Kreps, Joe1
APPLICANT: Kreps, Joe1
APPLICANT: Shu, Ton9
TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSCENIC PLANTS CONTAINING
TITLE OF INVENTION: SAME, AND METHODS OF USE
FILE REFERENCE: SCRIP1300-3
CURRENT FILING DATE: 2001-08-24
PRIOR PALLIANTON NUMBER: US 60/227,866
PRIOR APPLICATION NUMBER: US 60/264,647
PRIOR PLILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-06-22
NUMBER OF SEQ ID NOS: 5379
                                            187 CAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATCAGATGGA 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            244 GGAGGTTCATCGGGTTTCAATGTCCCGTATCCTTTTGTAAGACCTTGAAGTTGGCAACGC 303
                                                                                                          304 AGGAAAACAGGAACTCCACCCTGGTGCCGTGAATTGCAGAGCTGTTGTTGTTGTGA 363
                                                                                                                                                                                                364 CCATCTGCCCATTCTTCCTGTTATGACAGGCTTGTGAACTTTAACTGGGACTGGGGCAA 423
                                                                                                                                                                                                                                                                                         424 AGTCAATCCCACCTTTATACAATGAATTGCTGAAGGCCCTTTTAAAACTTGGAGTGTGC 483
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Patent No. US2002059653Al
GENERAL INFORMATION,
APPLICANT: Gorlach, Jorn
APPLICANT: Hamilton, Carol M.
APPLICANT: Hamilton, Carol M.
APPLICANT: Raines, Tracy M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 2
8-09-938-942A-547/c
: Sequence 547, Application US/09938842A
: Patent No. US20020160378A1
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Best Local Simi
Matches 52;
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NAME/KEY: SITE
LOCATION: (10)
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LENGTH: 249487
                                                                                                                                                                      NAME/KEY: SITE
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                           2077 GATTGTTATTGCTTATACTTATGCCATTGAGAAGTCCGTGAGATCTTTATGTC 2136
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352 GTTGGTTTGTGACCATCTGCCCATTCTTCCTGTTATGACAGAGCTTGTGAACTTTAACTG 411
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      476 TACATATTCTACTAATATTAACAAAGCATGTCAACTTCAATCAGGGGAGGGTGAAAAAAC 417
                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Lillie, James
APPLICANT: Lillie, James
APPLICANT: Ku, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Wang, Youzhen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: PREMATE CANCER
TITLE OF INVENTION: PREMATE CANCER
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARR: FRSISEQ FOR Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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Patent No. US20020168711A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PT23
CURRENT APPLICATION NUMBER: US/09/764,868
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper; NUMBER OF SEQ ID NOS: 1510
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 429
LENGTH: 1484
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                                                                                                      412 GGACTGGGGCAAAGTCAATCCCACCTTTATACAATGAATTGCTGA 456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6.2%; Score 31.8; DB 9;
54.8%; Pred. No. 2.6;
tive 0; Mismatches 52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (6) OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                         Sequence 12548, Application US/10198846 Publication No. US20030099974A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LOCATION: 1, 2, 3, 4, 5, 6, 7
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-12548
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       63; Conservative
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Best Local Similarity
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US-09-764-868-429
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232966 IGAGCTCTACAGGGACATAGAAACCTCCTGCTGCAATATGCAGGCTGTCCAGGGCA 233025
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                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
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                                                                                                                                                                                                                                                                                                                                                6.1%; Score 31.4; DB 9; Length 1484; 61.7%; Pred. No. 4.7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/10026188
Patent No. US20020164645al
GENERAL INFORMATION:
APPLICANT: Zuker, Charles S.
APPLICANT: The Regents of the University of California
ITLE OF INVENTION: Assays for Taste Receptor Cell Specific
ITLE OF INVENTION: Assays for Taste Receptor Cell Specific
ITLE OF INVENTION: Assays for Taste Receptor Cell Specific
ITLE OF INVENTION: Assays for Taste Receptor Cell Specific
CURRENT APPLICATION NUMBER: US/10/026,188
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: US 60/259,379
PRIOR ELING DATE: 2000-12-29
                                                                                                                                                                                                                                                                                                                                                                                                        31; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches 101; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: mouse genomic region containing ltrpc5
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Best Local Similarity 47.7%; Pred. No. 1.1e+02;
Matches 92; Conservative 0; Mismatches 101;
                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                      LOCATION: (1418)
OTHER INFORMATION: n equals a,t,g, or
                                                                                                                                                                                             or
LOCATION: (9)
OTHER INFORMATION: n equals a,t,g, or
                                                                                                               or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 363 ACCATCTGCCCATTCTTCCTG 383
                                                                                                               a,t,g,
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                                                                                                      OTHER INFORMATION: n equals
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                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                               NAME/KEY: SITE LOCATION: (1410)
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APPLICANT: Penn, Sharron G.
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
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180 ATTTAGTCAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATC 239
                                       183 TAGTCAGATCTGTGCATCCTATGCTTTACAAGAAATGTCAGTGGGCCTGAGATCATCAGA 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                447 TAATACGATATGGGAACAGTATGTTATAGCAGAAAGGGCCCTGGGCTTGAAATCATTATT 388
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                                                                                                                     240 AGATGGAGGTTCATCGGGTTTCAATGTCCGTATCCTTTTGTAAGA 285
                                                                                                                                                      296 TGCAGGGGATTCATTGGTCTCAGATGGGCCAAATGCTCTTGTAGGA 251
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                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Hyseg, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     243 TGGAGGTTCATCGGGTTTCAATGTCCCGTATCCTTTTG 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   387 CAGTICATGTITGTATICCTACTICICTTATAATITGG 350
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: PASSEEQ for Windows Version 3.0
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CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
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PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR PLICATION NUMBER: US 60/236,359
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                         Sequence 28190, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
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Patent No. US20020048763A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: (1)...(473)
OTHER INFORMATION: n = A,T,C or G
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LOCATION: (1)...(473)
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ORGANISM: Homo sapiens
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Matches 56; Conserv
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LENGTH: 473
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                                                                                                                                                                                                                                                 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0
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N: EXPRESSED IN HBLIO, SIGNAL = 2.3

N: EXPRESSED IN HETAL LIVER, SIGNAL = 2.5

N: EXPRESSED IN HELA, SIGNAL = 4.5

N: EXPRESSED IN ADULT LIVER, SIGNAL = 1.9

N: EXPRESSED IN PLACENTA, SIGNAL = 1.4

N: EXPRESSED IN HEART, SIGNAL = 3.8

N: EXPRESSED IN LARIN, SIGNAL = 3.8

N: EXPRESSED IN LUNG, SIGNAL = 3.9

N: EXPRESSED IN BONE MARROW, SIGNAL = 1.8

N: EXPRESSED IN BONE MARROW, SIGNAL = 1.8
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                                                                                                                                                                                                                                                                                                  THIER EFFENCE: ANGUERS ANGUERS COURENT APPLICATION NUMBER: US/09/864,761
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2000-02-04
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-06-05
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-09-03
PRIOR FILING DATE: 2000-09-03
PRIOR APPLICATION NUMBER: US/03/6,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
                             Sequence 305, Application US/09864761 Patent No. US20020048763A1
                                                                                                                                                      APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence
                                                                                                                            APPLICANT: Penn, Sharron G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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ORGANISM: Homo sapiens
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FEATURE:
OTHER INFORMATION: EX
OTHER INFORMATION: EX
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OTHER INFORMATION:
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Best Local Similarity
Matches 59; Conserv
                                                                                           GENERAL INFORMATION
-09-864-761-305/c
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Tue Jun 17 12:26:37 2003

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Gaps

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## SEQUENCE 1, Application US/09905129

| Sequence 1, Application US/09905129 |
| GENERAL INFORMATION: GENES ASSOCIATED WITH MECHANICAL STRESS, EXPRESSION PRODUCTS TH TITLE OF INVENTION: AND USES THEREOF |
| TITLE OF INVENTION: AND USES THEREOF |
| TITLE OF INVENTION: AND USES THEREOF |
| CURRENT FILING DATE: 2001-07-13 |
| PRIOR PPLICATION NUMBER: 09/802,318 |
| PRIOR FILING DATE: 2001-03-08 |
| PRIOR FILING DATE: 1904-05-30 |
| PRIOR FILING DATE: 1998-05-11 |
| PRIOR FILING DATE: 1998-05-11 |
| PRIOR FILING DATE: 1998-05-11 |
| PRIOR FILING DATE: 1998-05-15 |
| NUMBER OF SEQ ID NOS: 25 |
| SOFTWARE: Patentin Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 423 AAGTCAATCCCACCTTTATACAATGAATTGCTGAAGAGGCCTTTTAAAACTTGGAGTGTG 482
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 5.9%; Score 30.6; DB 10; Length 314; Best Local Similarity 52.8%; Pred. No. 3.4; Matches 66; Conservative 0; Mismatches 59; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature

LocATION: (1)..(8883)

OTHER INFORMATION: 'n' can be any nucleotide 'a', 'c', 'g' or US-09-905-129-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 5.8%; Score 30; DB 10; Length 8883; Best Local Similarity 54.5%; Pred. No. 44; Matches 60; Conservative 0; Mismatches 50; Indels
                                                                                                                                                                                                                                                                                                                   ; NAME/KEY: misc_feature
; LOCATION: (72)...(72)
: OTHER INFORMATION: n equals a, t, g, or
US-09-956-004-41
                     PRIOR FILING DATE: 1997-10-14
PRIOR APPLICATION NUMBER: 60/031,626
PRIOR FILING DATE: 1996-11-22
SOFTWARE: PatentIn version 3.1
PRIOR APPLICATION NUMBER: 60/061,953
                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Escherichia coli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Rattus species
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                                                                                                                                                                  SEQ ID NO 41
LENGTH: 314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                           FEATURE:
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TITLE OF INVENTION: Nucleotide Sequences of Escherichia coli Pathogenicity Islands
FILE REPERBNCE: PB324D1
CURRENT APPLICATION NUMBER: US/09/956,004
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 08/976,259
PRIOR PPLICATION NUMBER: 08/976,259
PRIOR FILING DATE: 1997-11-21
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CHER INFORMATION: NT HIT: AF193597.1, EVALUE 4.006-91

OTHER INFORMATION: EST_HUMAN HIT: AA480002.1, EVALUE 0.00e+00

CTHER INFORMATION: SWISSPROT HIT: P08640, EVALUE 2.00e-05

US-09-864-761-17122
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N: EXPRESSED IN HELA, SIGNAL = 4.5
N: EXPRESSED IN ADULT LIVER, SIGNAL = 1.9
N: EXPRESSED IN PLACENTA, SIGNAL = 1.4
N: EXPRESSED IN HEART, SIGNAL = 2
N: EXPRESSED IN BRART, SIGNAL = 3.8
N: EXPRESSED IN BRAIN, SIGNAL = 3.8
N: EXPRESSED IN LUNG, SIGNAL = 2.9
N: EXPRESSED IN BONE MARROW, SIGNAL = 1.8
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PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFWAARE: Annomax Sequence Listing Engine vers: 1.1
SEQ ID NO 17122
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                                 PRIOR AFFLICATION NUMBER: PCT/USOL/VOGGO
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USOL/OGGO
PRIOR APPLICATION NUMBER: PCT/USOL/OGGO
PRIOR APPLICATION NUMBER: PCT/USOL/OGGO
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PRIOR PAPLICATION NUMBER: PCT/USOL/OGGO
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USOL/OGGO
PRIOR APPLICATION NUMBER: PCT/USOL/OGGO
PRIOR APPLICATION NUMBER: PCT/USOL/OGGO
PRIOR APPLICATION NUMBER: PCT/USOL/OGGO
PRIOR APPLICATION NUMBER: US 60/234, 687
                                                                                                                                                         FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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EXPRESSED IN HBL100,
                  APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
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Best Local Similarity
Matches 59; Conserva
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Sequence 1, Application US/09991630
Petent No. US20020151514A1
GENERAL INFORMATION:
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TITLE OF INVENTION: GENES ASSOCIATED WITH MECHANICAL STRESS, EXPRESSION PRODUCTS TH
TITLE OF INVENTION: AND USES THEREOF
TITLE OF ILING DATE: 2001-11-06
PRIOR PELICATION NUMBER: 09/905,129
PRIOR PELICATION NUMBER: 09/905,129
PRIOR PELICATION NUMBER: 09/905,318
PRIOR PAPLICATION NUMBER: 09/729,485
PRIOR PELICATION NUMBER: 09/729,485
PRIOR FILING DATE: 2000-12-04
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LCCATION: (1)..(8883)
CTHER INFORMATION: 'n' can be any nucleotide 'a', 'c', 'g' or 't'.
US-09-991-630-1
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Best Local Similarity 54.5%
Matches 60; Conservative
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APPLICANT: Einat, et al
TITLE OF INVENTION: GADU USES THEREOF
FILE REPERENCE: 540579-2007.2
CURRENT APPLICATION NUMBER: 09/905,129
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/802,318
PRIOR APPLICATION NUMBER: 60/207,821
PRIOR APPLICATION NUMBER: 60/008,821
PRIOR FILING DATE: 2000-05-30
PRIOR FILING DATE: 1998-05-11
PRIOR FILING DATE: 1998-05-11
PRIOR FILING DATE: 1998-05-15
PRIOR FILING DATE: 1998-05-15
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TITLE OF INVENTION: GENES ASSOCIATED WITH MECHANICAL STRESS, EXPRESSION PRODUCTS THERE
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 540579-2007.2
CURRENT APPLICATION NUMBER: US/09/905,129
CURRENT FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2000-05-30
PRIOR FILING DATE: 2000-05-30
PRIOR FILING DATE: 1998-05-11
PRIOR FILING DATE: 1998-05-11
PRIOR FILING DATE: 1998-05-11
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6347 ACTGAGGTGAATTTGGGTGAGAATTACTACTGGACTGCTCAGCTACTGG 6396
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COTHER INFORMATION: n can be any amino acid
US-09-905-129-5
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                                                                                                                                                       Sequence 5, Application US/09905129 Patent No. US20020137705A1
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
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Sequence 35, Applisequence 3, Applisequence 3, Applisequence 5, Applisequence 5, Applisequence 5, Applisequence 7, Applisequence 6, Applisequence 1, Applisequence 1, Applisequence 11, Applisequence 11, Applisequence 16, Appliseq
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                                                                                                                                               June 16, 2003, 13:37:06; Search time 97.6924 Seconds
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2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/pcTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/pcTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                OM nucleic - nucleic search, using sw model
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length: 2000000000
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Perfect score:
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US-09-244-796-17 US-09-309-487-25

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1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
                      423 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 482
                                                                                       1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                           APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25 CUREBY APPLICATION DATA:
APPLICATION NUMBER: US/07/977,451
FILING DATE: 19921119
                                                                                                                                                                                                                                                                                                                                                                                                                         ImClone Systems Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TW 81100000
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FTLING DATE: 02-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/679,666 FILING DATE: 02-APR-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US UNASSIGNED
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28-JUN-1991
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26-JUN-1992
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FILING DATE: 15-NOV-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                           Sequence 5, Application US/07977451
Patent No. 5270458
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                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 180 Varick Street CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 12-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       212-645-1405
212-645-2054
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LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Feit, Irving N. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICATION NUMBER: (
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                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          U.S.A.
                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.
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      1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
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                                                                                                                                                                                                                                                                                                            APPLICANT: Lemischka, Ihor R.
IIILE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/813,593
FILING DATE: 19920415
                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: IMCLONE SYSTEMS INCORPORATED STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
PRIOR APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UNN-1991
PRIOR APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UNN-1991
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                Sequence 3, Application US/07813593 Patent No. 5185438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Feit, Irving N. REGISTRATION NUMBER: 28,601
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
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208..4308
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STRANDEDNESS: single
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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STATE: NEW YORK
COUNTRY: U.S.A.
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FEATURE:
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US-07-813-593-3
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US-08-252-517-5
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                                                                                                                                                                                                                                                                                                                                                                                 1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 5406;
                                                                                                                                                                                                                                                                                    Query Match
9.6%; Score 176.4; DB 1; Length
Best Local Similarity 99.4%; Pred. No. 4.7e-44;
Matches 177; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:

APPLICANT: Lemischka, Ihor R.

TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/946,507
FILING DATE: 19920917
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/793,065
FILING DATE: 15-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/07/728,913
FILING DATE: 28-JUN-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/07/679,666 FILING DATE: 02-APR-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/07946507 Patent No. 5283354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     28,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Floppy disk
                                                                  FRAGMENT TYPE: N-terminal
                                                                                                                                                        NAME/KEY: mat_peptide
LOCATION: 265.4308
                                                                                                                                                                                                               sig_peptide
208..264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Feit, Irving N. REGISTRATION NUMBER:
                                                                                               NAME/KEY: CDS 1.4311
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             MOLECULE TYPE: CDNA HYPOTHETICAL: NO
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RY: U.S.A.
10014
TOPOLOGY: linear
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                        HYPOTHETICAL:
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                                                   ANTI-SENSE:
                                                                                                                                                                                                             ; NAME/KEY:
; LOCATION:
US-07-977-451-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JS-07-946-507-3
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STATE:
                                                                                                                                         FEATURE:
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1669 TITCAGGGACAGCGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Gaps
                                                                                                                                                                                                                                                                                                                                                Length 5406;
                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                             Score 176.4; DB 1;
Pred. No. 4.7e-44;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Imclone Systems Incorporated
STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US PCT/US92/05401
REFERENCE/DOCKET NUMBER: LEM-3-PPP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 19-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION TO PAGE
PRIOR TO PAGE
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MBER: US 07/906,397
26-JUN-1992
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Patent No. 5548065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
               TELECOMMUNICATION INFORMATION TELEPHONE: 212-645-1405 TELEFAX: 212-645-2054
                                                    TELEFAX: 212-645-2054 INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                           Query Match 9.6%;
Best Local Similarity 99.4%;
Matches 177; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26-JUN-1992
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
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208..4311
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
FILING DATE: 26-JUN
                                                                                                                                                                              MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New York
: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.ZIP: 10014
                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                NAME/KEY:
                                                                                                                                                                                                                                                                                      ; LOCATION:
US-07-946-507-3
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                                                                                                                                                                                                                                                                       NAME/KEY:
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Sequence 5, Application US/08601891
Patent No. 5747651
GENERAL INFORMATION: APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 9.6%; Score 176.4; DB 1; Best Local Similarity 99.4%; Pred. No. 4.7e-44; Matches 177; Conservative 0; Mismatches 1;
                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Feit, Irving N.
REGISTRATION UNBER: 28,601
REFERENCE/DOCKET NUMBER: LEM-3-PPPPPP
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                PRIOR APPLICATION: 593
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                              US/07/906,397A
                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/728,913
FFILING DATE: 28-70N-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 5406 base pairs
NUCLEIC ACID
EDNESS: single
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FRAGMENT TYPE: N-terminal
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                                                                                                                                                                           APPLICATION NUMBER: US
FILING DATE: 19920626
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208..4308
                                                        COMPUTER READABLE FORM:
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NEW YORK
                    U.S.A.
                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                               MEDIUM TYPE:
                                   10014
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                       COUNTRY:
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  STATE:
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Patent No. 5621090
GENERAL INFORMATION:
APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 176.4; DB 1;
Pred. No. 4.7e-44;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: IMCLONE SYSTEMS INCORPORATED
STREET: 180 VARICK STREET
                JMBER: US PCT/US92/02750
02-APR-1992
                                                                                            FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
PRIOR APPLICATION NUMBER: US 07/728,913
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-UN-1991
PRIOR APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                      NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEM-3-7P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
INFORMATION FOR SEQ ID NO: 5:
                                                                               US 07/813,593
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 99.4%;
Matches 177; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: NO FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sig_peptide
208..264
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265..4308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: double
                                                        PRIOR APPLICATION DATA:
  PRIOR APPLICATION DATA:
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208..4311
                       APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL:
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LOCATION:
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LOCATION:
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US-08-252-517-5
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US-07-906-397A-5
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1669 TTTCAGGGGACAGGGGACCTGGACTTGGCCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                   363 TTGCAGGGGACCTGGACCTGGACTTTGGCCCAATGCTCAGGGTCATTCTGAGGA 422
                                                                                                                                                                                                          1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                      0; Gaps
Length 5406;
                                                Indels
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ZIP: 10014
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FOC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
CORRESEEE: IMCIOne Systems Incorporated STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                          PULDASJITICATION DATA:
PULDASJITICATION DATA:
APPLICATION NUMBER: US 07/977,451
FILING DATE: 19-NOV-1992
PRIOR APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-JUN-1992
PRIOR APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
PRIOR APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
PRIOR APPLICATION NUMBER: US 07/793,065
FILING DATE: 28-JUN-1991
PRIOR APPLICATION NUMBER: US 07/793,065
FILING DATE: 28-JUN-1991
PRIOR APPLICATION NUMBER: US 07/794,065
FILING DATE: 28-JUN-1991
PRIOR APPLICATION NUMBER: US 07/679,666
FILING DATE: C2-APR-1991
ATMANE. EAST INFORMATION:
ANALE: EAST INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEM-3-7P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/601,891
FILING DATE: 15-FEB-1996
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 5406 base pairs
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265..4308
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208..264
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EDNESS: double
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LOCATION: 208..4311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: CDNA
                                                                                                                   CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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LOCATION:
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US-08-601-891-5
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1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
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                                                                          1669 TITICAGGGACAGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
                                                                                               1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                          Gaps
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Score 176.4; DB 1; Length 5406;
Pred. No. 4.7e-44;
0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Imclone Systems Incorporated STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 26-JUN-1992
RICOR APPLICATION DATA:
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-APR-1992
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PRIOR APPLICATION NUMBER: US 07/728,913
APPLICATION NUMBER: US 07/770
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/977,451
FILING DATE: 1992-11-19
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/906,397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/813,593
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APPLICATION NUMBER: US/09/021,324
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                    RESULT 8
US-09-021-324-5
Sequence 5, Application US/09021324
; Patent No. 5912133
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9.68;
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Query Match
Best Local Similarity 99.4's
Matches 177; Conservative
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APPLICATION NUMBER: U
FILING DATE: 02-APR-1
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PRIOR APPLICATION DATA:
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APPLICANT: Lemisc
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CITY: New York
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MOLECULE TYPE:
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LOCATION:
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LOCATION:
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                                                                      TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                             Length 5406;
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GENERAL INFORMATION:
APPLICANT: LEMISCHKA, IHOR R.
TITLE OF INVENTION: Totipotent Hematopoietic Stem Cell
TITLE OF INVENTION: Receptors And Their Ligands
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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COUNTRY: US

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                            Similarity 99.4%; Pred. No. 4.7e-
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TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5406 base pairs
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NAME: FEIT, IRVING N.
REGISTRATION NUMBER: 28,6
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                                                                                                                                                                                        ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
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Matches 177; Conservative
                                                                                                                                                                                                                                                                                       mat_peptide
265..4308
                                                                                                                                                                                                                                                                                                                                           sig_peptide
208..264
                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                    NAME/KEY: CDS
LOCATION: 208..4311
                                                                                                                           STAGE TYPE: CDNA MOLECULE TYPE: CDNA CONTRACTOR NO
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NEW YORK
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CLASSIFICATION:
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LOCATION:
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Best Local 9
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                                                                                                                                                                                                                                                                                               9.6%; Score 176.4; DB 5; Length 5406;
99.4%; Pred. No. 4.7e-44;
lve 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: LEMISCHAA, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US92/05401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: IMCLONE SYSTEMS INCORPORATED STREET: 180 VARICK STREET
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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NAME: Feat, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LET
TELECOMMUNICATION INFORMATION:
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212-645-2054
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TYPE: NUCLEIC ACID
STRANDEDNESS: single
                    LENGTH: 5406 base pairs
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Best Local Similarity 99.44
Matches 177; Conservative
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                           NAME/KEY: mat_peptide / LOCATION: 208..4308 PCT-US92-02750-7
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                                                               single
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                                        TYPE: NUCLEIC ACID STRANDEDNESS: sing]
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                                                                                   linear
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NAME/KEY:
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US-08-443-861-1
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US-08-443-861-1
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                                                                                                                                                                   Db
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                                                                                                                               . 1669 TTTCAGGGGACAGGGGACCTGGACTGGCTTTGGCCCAATGCTCAGGGTGATTCTGAGGA 1728
                                                                                                                                                                                             1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
                                                                                                                                                  Gaps
                                                                                                   ;
0
                                                                   Length 5406;
                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lemischka, Ihor R.
TITLE OF INVENTION: TOTIPOTENT HEMATOPOIETIC STEM CELL
TITLE OF INVENTION: RECEPTORS AND THEIR LIGANDS
NUMBER OF SQUENCES: 10
                                                              Query Match 9.6%; Score 176.4; DB 5; Best Local Similarity 99.4%; Pred. No. 4.7e-44; Matches 177; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/09893
FILLIG DATE: 19921116
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSE: ImClone Systems Incorporated
STREET: 180 Varick Street
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEFRAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
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NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,6
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LENGTH: 5406 base pairs
TYPE: NUCLEIC ACID
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mat_peptide 208..4308
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265..4308
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208..264
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208..4311
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MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
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STATE: New York
COUNTRY: U.S.A.
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ZIP: 10014
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LOCATION:
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LOCATION:
NAME/KEY:
               ; LOCATION:
PCT-US92-05401-5
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1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
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                                                                                    1669 TTTCAGGGGACAGGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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Query Match 9.6%; Score 176.4; DB 5; Length 5406; Best Local Similarity 99.4%; Pred. No. 4.7e-44; Matches 177; Conservative 0; Mismatches 1; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Risau, Werner
APPLICANT: Millauer, Birgit
APPLICANT: Gazit, Aviv
APPLICANT: Levitzki, Alex
TITLE OF INVENTION: Flk-1 Is A Receptor For Vascular
TITLE OF INVENTION: Endothelial Growth Factor
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,861
FILING DATE: 22-MAY-1995
CLASSIFICATION: 514
RIUR APPLICATION DATA:
APPLICATION NUMBER: US/08/193,829
FILING DATE: 09-FEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7683-060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/08443861
Patent No. 5851999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 76
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELES: 66141 PENNIE
INFORMATION FOR SEO ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : 5470 base pairs
nucleic acid
EDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Coruzzi, Laura A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          286..4386
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MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 177; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RY: U.S.A.
10036-2711
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846

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1669 TTTCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                       1729 AAGGGTATTGGTGACTGAATGCGGCGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
1669 TTTCAGGGGACAGCGGGACCTGGACTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Millauer, Birgit
APPLICANT: Gazit, Aviv
APPLICANT: Levitzki, Alex
TITLE OF INVENTION: Flk-1 is A Receptor For Vascular
TITLE OF INVENTION: Endothelial Growth Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      UMBER: US/08/193,829B
09-FEB-1994
                                                                                                                                                                                                                                                                           Sequence 1, Application US/08193829B Patent No. 6177401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 76F
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 5470 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (212)869-9741
                                                                                                                                                                                                                                                                                                                                   Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Risau, Werner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 177; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New York
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                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Ullrich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 09 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-193-829B-1
                                                                                                                                                                                                                                                          US-08-193-829B-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             501
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1648 TGATATCTTCCTGGAATACTTTTTCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAA 1707
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1; Length 2264;
                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Thomas, Kenneth A.
APPLICANT: Kendall, Richard Richard Republicant: INFORMATION: INHIBITOR OF VASCULAR ENDOTHELIAL CELL TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                    PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5.5%; Score 101.8; DB 1 73.4%; Pred. No. 3.3e-21;
                                                                                                                                                                                                                                                            2: Merck & Co., Inc.
P.O. Box 2000 126 E Lincoln Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/232,538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 18888IA
                                                                                                                                                                                                                                                                                                                                                                                                                     PC-DOS/MS-DOS
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                                                                                                  Sequence 16, Application US/08232538 Patent No. 5712380
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3905
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE. CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Wallen, John W.III
REGISTRATION NUMBER: 35,403
                                                                                                                                                                                                                                                                                                                                                                                                   IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2264 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 73.4 Matches 146; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                nucleic acid
                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                               Clin
STATE: No
COUNTRY: USA
TP: 07065-0907
                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                STREET: P.C.
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                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER:
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                                                                                   US-08-232-538-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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1648 TGATATCTTCCTGGAATACTTTTTCAGGGACAGCGGGACCTGGACTGGCTTTGGCCCAA 1707
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1768 CTTCTGCAAAACACTCACCATTCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTG 1827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 5.5%; Score 101.8; DB 2; Length 2264; Best Local Similarity 73.4%; Pred. No. 3.3e-21; Matches 146; Conservative 0; Mismatches 47; Indels 6;
                       APPLICANT: THOMAS, KENNETH A.
APPLICANT: KENDALL, RICHARD I.
TITLE OF INVENTION: INHIBITOR OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: CELL GROWTH FACTOR
                                                                                                                                      ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: DOS
SOFTWARE: MACOSOFT WORD 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,164
FILING DATE: 21-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION 1435
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Mark Hand, J
REGISTRATION NUMBER: 36,545
REFERENCE/DOCKET NUMBER: 1888BDA
TELECOMUNICATION INFORMATION:
TELEPHONE: 908-594-3905
TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Search completed: June 16, 2003, 14:00:03 Job time: 98.6924 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : LENGTH: 2264 base pairs
: TYPE: nucleic acid
: TXRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: Genomic DNA
US-08-786-164-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                          NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 07065-0900
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
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Compugen Ltd.
GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

June 16, 2003, 13:47:07; Search time 250.276 Seconds (Without alignments) 10680.673 Million cell updates/sec Run on:

US-09-445-201-1_COPY_11000_12845

l aaactagcatgtaattgata......gctcgtaccgggacgtcgac 1846 1846 Perfect score: Sequence:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table:

1029858 seqs, 724030393 residues Searched:

2059716 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

/cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seg:* Published_Applications_NA:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Cark Re opposite S	Sequence 33, Appr	Sequence 5 Appli	Sequence 10 Appli		4		i m	346		47. A	283		Sequence 1581, An		Segmence 1581 Ap	77.7	Sequence 166 Ann	Sequence 17 Appl	,
	ID	US-10-036-869-35	US-09-919-408-5	US-09-872-136-5	US-09-967-655-10	US-09-766-678-1	US-10-022-939-1	US-10-100-405A-1	US-09-967-655-3	US-10-184-644-346	US-10-184-634-346	US-09-776-724A-47	US-10-091-438-283	US-09-952-213D-6	US-10-092-154-1581	US-09-764-891-5983	US-09-764-847-1581	US-10-175-523-96	US-10-239-676-166	US-09-799-462A-17	
	DB	12	10	10	6	10	0	σ	6	6	6	6	6	σ	σ	σ	10	6	σ	6	
	Query Match Length DB	2431	5406	5406	5470	5470	4071	4071	5830	671	671	1849	12194	177556	9717	9717	9717	110079	13606	42999	
dР	Query Match	9.6	9.6	9.6	9.6	9.6	5.5	5.5	5.5	2.6	2.6	2.4	2.2	2.5	2.2	2.5	2.5	2.1	2.1	2.1	
	Score	176.4	176.4	176.4	176.4	176.4	101.8	101.8	101.8	48.4	48.4	43.8	41.2	40.4	40	40	0 7	38.8	38.6	38.4	
	Result No.	-	7	æ	4	2	9	7	æ	თ	10	c 11	12	13	c 14	15	c 16	c 17	18	19	

TOPOLOGY: linear

Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 176, Appl Sequence 24, Appl Sequence 216, Appl Sequence 215, Appl Sequence 312, Appl Sequence 10, Appl Sequence 10, Appl Sequence 10, Appl Sequence 1, Appl Sequenc	Sequence 19631, A Sequence 20429, A Sequence 606, App Sequence 2789, Ap Sequence 2, Appli Sequence 3, Appli
0 00 0 0000	US-09-918-995-19631 US-09-918-995-20429 US-09-938-8428-606 US-09-938-842A-2789 US-09-754-853A-2 US-09-754-853A-3
	7 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
42999 42999 42299 42299 1613 1658 145831 183337 802 552 1293 7317 7423 7423 7423 7423 7423 7423 7423 742	437 479 606 2000 335913 335913
44444460000000000000000000000000000000	, , , , , , , , , , , , , , , , , , ,
	23 23 23 23 23 23 23 23 23 23 23 23 23 2
01000000000000000000000000000000000000	9 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5
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ALIGNMENTS

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APPLICANT: Mixson, James A
TITLE OF INVENTION: CARRIER: DNA COMPLEXES CONTAINING DNA
ENCODING ANTI-ANGIOGENIC PEPTIDES AND THEIR USE IN GENE
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMFUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Connolly, Bove, Lodge, & Hutz
STREET: 1220 Market Street, P.O. Box 2207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/036,869
FILING DATE: 29-No. US20020151516A1-2001
CLASSIFICATION: CURNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: cUnknown>
APPLICATION NUMBER: US 08/608,845
FILING DATE: 16.JUL-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/985,526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: MCMorrow Jr., Robert G
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (302) 658-9141
TELEFAX: (302) 658-5613
INFORMATION FOR SEQ ID NO: 35:
                                           Sequence 35, Application US/10036869 Patent No. US20020151516A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 2431 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                               THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                CITY: Wilmington
STATE: Delaware
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 19899
                  US-10-036-869-35
RESULT 1
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                                                                                                                                                                                                                                                                                                                  1729 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 1788
                                                                                                                                                                                                                                                               163 TTGCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 222
                                                                                                                                                                                                                                                                                                                                            223 AAGGGTATTGGTGACTGAATGCGGCGGTGGTGACAGTATCTTCTGCAAAACACTCACCAT 282
                                                                                                                                                                                                                                                                                                                                                                                                                            1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                                                                                                                                                           283 TCCCAGGGTGGTTGGAAATGATACTGCAGCCTACAAGTGCTCGTACCGGGACGTCGAC 340
                                                                                                                                                      0; Gaps
                                                                                                DB 12; Length 2431;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL RECEPTORS AND THEIR LIGANDS
                                                                                          Query Match 9.6%; Score 176.4; DB 12; Length Best Local Similarity 99.4%; Pred. No. 2.1e-40; Matches 177; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 07/977,451
FILING DATE: <Unknown>
APPLICATION NUMBER: US 07/906,397
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
APPLICATION NUMBER: TW 81102961
FILING DATE: 15-APR-1992
APPLICATION NUMBER: US PCT/US92/02750
FILING DATE: 02-APR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: ImClone Systems Incorporated STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/793,065 FILLING DATE: 15-NOV-1991 APPLICATION NUMBER: US 07/728,913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
APPLICATION NUMBER: US 07/793,065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 28-JUN-1991
APPLICATION NUMBER: US 07/679,666
FILING DATE: 02-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: LEM-3-7P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/919,408
FILING DATE: 31-011-2001
CLASSIPICATION: <u >unknown></u>
; SEQUENCE DESCRIPTION: SEQ ID NO: 35: US-10-036-869-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 28,601
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TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lemischka, Ihor R.
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Patent No. US20020072077A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-919-408-5
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1669 TTTCAGGGGACAGGGGACCTGGACTTGGCCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           363 TTGCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 10; Length 5406;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: TOTIPOTENT HEMATOPOLETIC STEM CELL RECEPTORS AND THEIR LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                            9.6%; Score 176.4; DB 10; Length 99.4%; Pred. No. 3.6e-40; Live 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: ImClone Systems Incorporated
STREET: 180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 26-JUN-1992
APPLICATION NUMBER: US PCT/US92/05401
FILING DATE: 26-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA: APPLICATION NUMBER: US/09/208,786
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILLING DATE: <Unknown>
APPLICATION NUMBER: US/09/021,324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: CURNOWN>
APPLICATION NUMBER: US/07/977,451
FILING DATE: 1992-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 07/906,397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/872,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                           LOCATION: 208..264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 01-Jun-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lemischka, Ihor R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5, Application US/09872136 Patent No. US20020119545A1 GENERAL INFORMATION:
LENGTH: 5406 base pairs
                                                                                                                                                                                                                                                                                                                                  sig_peptide
208..264
                                                                                                                                                                                                                                                                      mat_peptide
265..4308
                                                                                                                                                                                                 CDS
208..4311
                         TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                   ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 99.4%
Matches 177; Conservative
                                                                     TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: New York COUNTRY: U.S.A. ZIP: 10014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: New York
                                                                                                                HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                    NAME/KEY:
                                                                                                                                                                                                      NAME/KEY:
                                                                                                                                                                                                                                                                      NAME/KEY:
                                                                                                                                                                                                                          LOCATION:
                                                                                                                                                                                                                                                                                           LOCATION:
                                                                                                                                                                                                                                                 FEATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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1669 TITCAGGGGACAGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                  0; Gaps
                                                                                                                                                           9.6%; Score 176.4; DB 9; Length 5470; 99.4%; Pred. No. 3.6e-40;
tive 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: New York

ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDTUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/766,678
FILING DATE: 25-Jan-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Millauer, Birgit
Gazit, Aviv
Levitzki, Alex
TITLE OF INVENTION: Flk.1 Is A Receptor For Vascular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Endothelial Growth Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 7683-060 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/193,829
FILING DATE: 09-FEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Coruzzi, Laura A. REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/09766678
Patent No. US20020081650Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 5470 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Risau, Werner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: unknown MOLECULE TYPE: DNA
                                                                                                                                                           Query Match 9.69
Best Local Similarity 99.49
Matches 177; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                     ; NAME/KEY: CDS
; LOCATION: (286)...(4389)
US-09-967-655-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: New York
        TYPE: DNA ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE
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                                                       FEATURE:
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Publication No. US20030092649A1
GENERAL INFORMATION:
GENERAL INFORMATION:
C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
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9.6%; Score 176.4; DB 10; Length 5406;
Best Local Similarity 99.4%; Pred. No. 3.6e-40;
Matches 177; Conservative 0; Mismatches 1; Indels 0;
        PTLING DATE: 15-APR-1992
APPLICATION NUMBER: US POT/US92/02750
FILING DATE: 02-APR-1992
APPLICATION NUMBER: US 07/813,593
FILING DATE: 24-DEC-1991
APPLICATION NUMBER: US 07/793,065
FILING DATE: 15-NOV-1991
APPLICATION NUMBER: US 07/728,913
FILING DATE: 28-JUN-1991
APPLICATION NUMBER: US 07/728,913
APPLICATION NUMBER: US 07/728,913
APPLICATION NUMBER: US 07/728,913
APPLICATION NUMBER: US 07/728,913
APPLICATION NUMBER: US 07/759,666
FILING DATE: 02-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Feit, Irving N.
                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: LEM-3-7P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-645-1405
TELEFAX: 212-645-2054
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
APPLICATION NUMBER: TW 81102961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: sig_peptide
LOCATION: 208..264
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
                                                                                                                                                                                                                                                                             NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 5406 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              mat_peptide
265..4308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     208..4311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION:
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NAME/KEY: CDS

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SEQ ID NO 3
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                                                                                                                                                          1669 TTTCAGGGGACAGGGGACCTGGACTGGCTTTGGCCCCAATGCTCAGCGTGATTCTGAGGA 1728
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                                                                                                                                                                                                                                                                                                                      1789 TCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCTCGTACCGGGACGTCGAC 1846
                                                                                                                                                                                                                                                                                                                                           195 TAATCAGAGTGGCAGTGAGCAAAGGGTGGAGGTGACTGAGTGCAGCGATG-----GCCT
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                                                                           DB 10; Length 5470;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kendall, Richard L.
APPLICANT: Thomas, Kenneth A.
APPLICANT: Thomas, Kenneth A.
APPLICANT: Thomas, Kenneth A.
TITLE OF INVENTION: HUMAN RECEPTOR TYROSINE KINASE, KDR
FILLE REFERENCE: 1996/3YDB
CURRENT APPLICATION NUMBER: US/10/022,939
CURRENT FILING DATE: 2001-12-18
PRIOR PILICATION NUMBER: 09/483,539
PRIOR PILING DATE: 2000-01-14
PRIOR APPLICATION NUMBER: 09/098,707
PRIOR FILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-18
                                                                                                                    Indels
                                                                         Query Match 9.6%; Score 176.4; DB 10; Best Local Similarity 99.4%; Pred. No. 3.6e-40; Matches 177; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FastSEQ for Windows Version 4.0
LOCATION: 286..4386
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/10022939
Publication No. US20030032160A1
GENERAL INFORMATION:
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Best Local Similarity 73.4%
Matches 146; Conservative
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                                        US-09-766-678-1
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US-09-967-655-3

Sequence 3, Application US/09967655

Sequence 3, Application No. US20030092649A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 4071;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
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                                                                       APPLICANT: Mao, Xianzhi
APPLICANT: Tebben, Andrew
TITLE OF INVENTION: HUMAN RECEPTOR TYROSINE KINASE, KDR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 5.5%; Score 101.8; DB 9; Best Local Similarity 73.4%; Pred. No. 1.6e-18; Matches 146; Conservative 0; Mismatches 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. 2.1e-18;
); Mismatches 47;
                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/100,405A CURRENT FILING DATE: 2002-08-13 PRIOR PAPLICATION NUMBER: 10/022,939 PRIOR FILING DATE: 2001-12-18 PRIOR PILING DATE: 2001-12-18 PRIOR FILING DATE: 2000-01-14 PRIOR FILING DATE: 2000-01-14 PRIOR APPLICATION NUMBER: 09/483,539 PRIOR FILING DATE: 2000-01-14
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CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 8 SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/050,962
PRIOR FILING DATE: 1997-06-18
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GENERAL INFORMATION:
APPLICANT: Kendall, Richard L.
APPLICANT: Thomas, Kenneth A.
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603

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489 DSPDVKRCLNALEELGTLQVTSQILQKNTDVVATLKKIRRYKANKDVMEKAAEVYTRLKS 548
      424 CAGTGTGTTTTGCTGGGGACAGTAATGAGCCTAGATCGTAGTGCCATCCCAAGAGAGTGC 483
                                           369 SSGDELREDDEPVKKRGRKGRGRGPPSSSDSEPEAELEREAKKSAKKPOSSSTEPARKPG 428
                                                                                      484 TTGGTGGCAAAAAGAGCCCTAGCAGCTTGTGGCAGTTGCCTCATATTTGAAGAATACTAA 543
                                                                                                                                                                                                                                                       604 TCCTATCTAGGGTCTACAAAAGTAACCAATGCCCAGTCTTTGGGGGAAAGCAAAACCAGA 663
                                                                                                                                                                                                                                                                                                549 RVLGPKIEAVOKVNKAGMEKEKAEEKLAGEELAGEEAPOEKAEDKPSTDLSAPVNGEATS 608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       64 GAATAGAGCTAAAAATTCTATCCATGTTCAAGTCACCCAGAATGGCTTCTGGACATTTTT 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       124 TITITAGCIGITITCTACAAGTGAAATTCTGCCTGTATTAGCAATTTAATATCTAGCCAA 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              69 GKPNKRKGFNEGLWEIQNNPHASYSAPPPVSSSDSEAPEANPADGSDADEDDEDRGVMAV 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     184 TAATATTCCTGACCATATGTCCTGTTCAGACCATGACCTTCATAATCTGGCTTGATGTTC 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      129 TAVTATAASDRMESDSDSDSSSDNSGLKRKTPALKMSVSKRARKASSDLDQASVSPSEEE 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        244 TGGGCTTCTTTCCCTCTTGCCAGCAAGATGTCACGGTGTTGATGCTGGATAAACTGAGAA 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  304 ACAGAAGTTTTTCGCAAGAAGAGGACCTTGAATTTTGCTTTTCCCCTGAGAGACAAGAAA 363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9 DLVFAKMKGYPHWPARIDDIADGAVKPPPNKYPIFFFGTHETAFLGPKDLFPYDKCKDKY 68
                                                                                                                               429 QKEKRVRPEEKQQAKPVKVERTRKRSEGFSMDRKVEKKKEPSVEEKLQKLHSEIKFALKV
                                                                                                                                                                       544 GAGGTCCCCCGAATAACTCAGGGCTAGTGTTGATCATTGCATGTGGAGAAATCCAAGCC
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FILE REFERENCE: P3430R1C217
CURRENT APPLICATION NUMBER: US/10/184,634
Prior Application removed - See File Wrapper or Palm Number OF SEO ID NOS: 612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 7.68; Pred. No. 0.0018;
Matches 46; Conservative 209; Mismatches 353;
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Smith, Victoria
Watanabe, Colin K.
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Gurney, Austin L.
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Goddard, Audrey
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64 GAATAGAGCTAAAATTCTATCCATGTTCAAGTCACCCAGAATGGCTTCTGGACATTTTT 123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 309 EVDRISEWKRRDEARRRELEARRREQEEELRRLREQEKEEKERRRERADRGEAERGSGG 368
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Wood, William I.
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Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
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Best Local Similarity
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FILING DATE: 2000-08-14
APPLICATION NUMBER: 60/218,290
FILING DATE: 2000-07-14
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LOCATION: (1300)
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US-10-091-438-283
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                                                                                                                                                                                                                           484 TTGGTGGCAAAAAGAGCCCTAGCAGCTTGTGGCAGTTGCCTCATATTTGAAGAATACTAA 543
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309 EVDRISEWKRRDEARRRELEARRRREQEEELRRLREQEKEEKERRRERADRGEAERGSGG 368
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TITLE OF INVENTION: 64 Human Secreted Proteins
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PRIOR FILING DATE: 2000-09-26
PRIOR FILING DATE: 2000-09-26
PRIOR FILING DATE: 1909-01-14
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PRIOR PILING DATE: 1999-01-14
PRIOR PILING DATE: 1999-01-15
PRIOR PILING DATE: 1999-01-16
PRIOR FILING DATE: 1999-07-16
PRIOR PELING DATE: 1997-07-16
PRIOR PELING DATE: 1997-07-22
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PRIOR PELING DATE: 1997-08-18
PRIOR PILING DATE: 1997-08-18
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PRIOR FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,989
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US-09-776-724A-47/C
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1222 CAAACTGAAACTTTAAAATTGTCTGTCTCCTTATATTAGTGATAGGTTCCAGAAAGGCAC 1281
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CURRENT APPLICATION NUMBER: US/10/091,438
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PRIOR FILING DATE: 1997-08-18
PRIOR FILING DATE: 1997-08-18
PRIOR ELLING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,726
PRIOR FILING DATE: 1997-08-18
PRIOR FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,724
PRIOR APPLICATION NUMBER: 60/055,946
PRIOR FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,946
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 294
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PRIOR APPLICATION UNBRER: 09/764,879
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/179,065
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PRIOR APPLICATION UNMARR: 60/180,628
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: 60/214,886
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PRIOR APPLICATION NUMBER: 60/217,487
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APPLICATION NUMBER: 60/
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                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Homo sapiens
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NUMBER: 60/225,757 2000-08-14 NUMBER: 60/226,868 2000-08-22 2000-08-22 2000-07-07 2000-07-07 2000-08-14 NUMBER: 60/225,267 2000-08-14 NUMBER: 60/225,270 2000-07-07 2000-08-14 2000-08-14	NUMBER 2000-N	2-08 60/229,34 9-25 9-25 9-25 9-01 9-01 9-01 9-05 9-08 9-08 9-08 9-08 9-08 9-08 9-08 9-08
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6402 AGCAATAACCACAGATTGCCCACATGTTGGAATTAGCAGGAAAGGATTTAAAGCATCTA 6461
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APPLICANT: SHARINA, IRAIDA G.
APPLICANT: SHARINA, IRAIDA G.
APPLICANT: MARINA, E.
TITLE OF INVENTION: GENOMIC ORGANIZATION OF MOUSE AND HUMAN SGC FILE REFERENCE: UTSH:252US
CURRENT APPLICATION NUMBER: US/09/952,213D
CURRENT FILING DAFE: 2002-08-16
NUMBER OF SEQ ID NOS: 15
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PRIOR APPLICATION NUMBER: 60/231,414
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR PELLING DATE: 2000-09-08
PRIOR PAPLICATION NUMBER: 60/233,064
PRIOR PELLING DATE: 2000-09-14
PRIOR PELLING DATE: 2000-09-14
PRIOR PILING DATE: 2000-09-14
PRIOR PELLING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,401
PRIOR PELLING DATE: 2000-09-14
PRIOR FILING DATE: 2000-09-14
PRIOR FILING DATE: 2000-10-20
PRIOR PELLING DATE: 2000-10-20
PRIOR FILING DATE: 2000-11-30
PRIOR FILING DATE: 2000-11-30
PRIOR FILING DATE: 2000-11-30
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LOCATION: (2293..144567)
OTHER INFORMATION: N = A, C, T/U OR G
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174465 ATGAAAGCCATAGTTTAATTTTGGCATATCTCCCAGTACTTTCATTTTAGGTATGTTCTTT 174524
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                                                                                                          89 TICAAGICACCCAGAAIGGCITCIGGACATITITITITITAGCIGITITCTACAAGIGAA 148
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                                                              0; Gaps
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       Score 40.4; DB 9; Length 177556; Pred. No. 15;
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Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
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45.9%; Pred. No. 2.9;
tive 0; Mismatches 160; Indels
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, APPLICANT: Rosen et al.
, TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
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                                                           0; Mismatches 81; Indels
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CURRENT APPLICATION WUMBER: US/10/092,154
CURRENT TLING DATE: 2003-03-07
NUMBER OF SEQ ID NOS: 2003
Prior Application removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
SOFTWARE: PatentIn Ver. 2.0
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CURRENT APPLICATION NUMBER: US/09/764,891
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 1581, Application US/10092154; Publication No. US20030054375A1
             2.2%;
52.4%;
Query Match
Best Local Similarity 52.49
Matches 89; Conservative
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Matches 136; Conservative
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ORGANISM: Homo sapiens
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US-10-092-154-1581/c
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US-09-764-891-5983 ·
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7222 CTGCGGAAGATAAGTTTTTAAATGCAATTAGAATACCTAAGATAAATTACAAACTCC 7281
                                                                                                                                              1162 TCTTTTCTTTGCCTCTTTTATATTTTCCTTCACAGTATCAAATCACCACAGTTTATGCAA 1221
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                                                                                                                                                                                                                                                                                                                             0; Gaps
                                                                                            Query Match 2.2%; Score 40; DB 9; Length 9717; Best Local Similarity 45.9%; Pred. No. 2.9; Matches 136; Conservative 0; Mismatches 160; Indels
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5983
. LENGTH: 9717
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5983
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Search completed: June 16, 2003, 20:06:37 Job time: 253.276 secs

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